

# Recombinant Human LANCL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LANCL2-6055H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LANCL2 MS Standard C13 and N15-labeled recombinant protein (NP_061167) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Necessary for abscisic acid (ABA) binding on the cell membrane and activation of the ABA signaling pathway in granulocytes.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 50.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | <p>MGETMSKRLKLHLGGAEEMEERAFVNPFPDYEEAAAGALLASGAAEETGCVRPPAT<br/> PDEPLPFHQDGKIIHNFIRRIQTKIKDLLQQMEEGLKTADPHDCSAYTGWTGIALLYL<br/> QLYRVTCdqTYLLRSLDYVKRTLRLNNGRRVTFLCGDAGPLAVGAVIYHKLRSDCES<br/> QECVTKLLQLQRSVVCQESDLPDELLYGRAGYLYALLYLNTEIGPGTVCESAIKEVVN<br/> AIIESGKTLsREERKTERCPLLYQWHRKQYVGAAGMAGIYYMLMQPAAKVDQETL<br/> TEMVKPSIDYVRHKKFRSGNYPSSLSNETDRLVHWCHGAPGVIHMLMQAYKVFKEE<br/> KYLKEAMECSDVIWQRGLLRKGYGICHGTAGNGYSFSLYRLTQDKKYLyrackFA<br/> EWCLDYGAHGCRIPDRPYSLFEGMAGAIHFLSDVLGPETSRFPafeldSSKRdTRT<br/> RPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LANCL2 LanC like 2 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | LANCL2                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | LANCL2; LanC lantibiotic synthetase component C-like 2 (bacterial); GPR69B, LanC (bacterial lantibiotic synthetase component C) like 2; lanC-like protein 2; G protein coupled receptor 69B; TASP; testis specific adriamycin sensitivity protein; G protein-coupled receptor 69B; testis-specific adriamycin sensitivity protein; LanC (bacterial lantibiotic synthetase component C)-like 2; GPR69B; MGC87139; |
| <b>Gene ID</b>         | 55915                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_018697                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_061167                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>             | 612919                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | Q9NS86                                                                                                                                                                                                                                                                                                                                                                                                           |

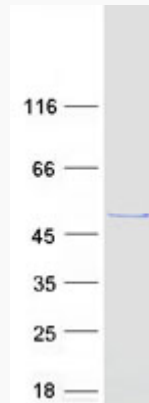
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA