

## Recombinant Human DLK2 Protein (27-306 aa), His-tagged

**Cat. No.** DLK2-1676H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DLK2 Protein (27-306 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 27-306 aa                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | Regulates adipogenesis.                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 31.8 kDa                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | DDCSSHCDLAHGCCAPDGSCRCDPGWEGLHCERCVRMPGCQHGTCHQPWQCIC<br>HSGWAGKFCDKDEHICTTQSPCQNGGQCMYDGGGEYHCVCLPGFHFGRDCERKA<br>GPCEQAGSPCRNGGQCQDDQGFALNFTCRCLVGFVGARCEVNVDDCLMRPCAN<br>GATCLDGINRFSCLCPEGFAGRFCTINLDDCASRPCQRGARCRDRVHDFDCLCPSPG<br>YGGKTCELVLPVPDPPTTVDTPLGPTSAVVVPATGPAPHSAGAGLLRISVKEVVRQ<br>EAGLGEPS |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                              |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |

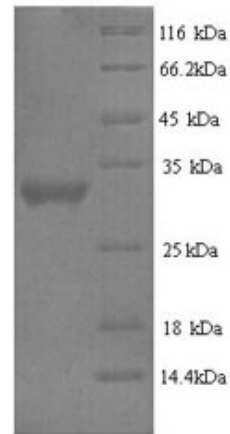
## GENE INFORMATION

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| <b>Gene Name</b>       | DLK2 delta-like 2 homolog (Drosophila) [ Homo sapiens ]     |
| <b>Official Symbol</b> | DLK2                                                        |
| <b>Synonyms</b>        | DLK2; MGC2487; DLK-2; EGF-like protein 9; EGFL9; MGC111055; |
| <b>Gene ID</b>         | 65989                                                       |
| <b>mRNA Refseq</b>     | NM_023932                                                   |
| <b>Protein Refseq</b>  | NP_076421                                                   |
| <b>UniProt ID</b>      | Q6UY11                                                      |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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