

## Active Recombinant Human LILRB3 Protein, His-Avi-tagged, Biotinylated

Cat. No. LILRB3-522HB    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human LILRB3 Protein(O75022-1)(Gly24-Glu443) is expressed from HEK293 with His tag and Avi tag at the C-terminal.                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Gly24-Glu443                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                                                                           |
| <b>Bio-activity</b>     | Immobilized Biotinylated Human LILRB3, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-LILRB3 Antibody, hFc Tag with the EC50 of 3.6ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 50 kDa. Due to glycosylation, the protein migrates to 60-72 kDa based on Tris-Bis PAGE result.                                                                                         |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE<br>> 95% as determined by HPLC                                                                                                                                                      |

 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

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | <p>-20 to -80°C for 12 months as supplied from date of receipt.</p> <p>-20 to -80°C for 3-6 months in unopened state after reconstitution.</p> <p>2-8°C for 2-7 days after reconstitution.</p> <p>Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.</p>                                                                                                                           |
| <b>Reconstitution</b>   | <p>Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.</p>                                                                                                                                                                                                                         |
| <b>Conjugation</b>      | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>        | LILRB3 leukocyte immunoglobulin like receptor B3 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b>  | LILRB3                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>         | <p>HL9; ILT5; LIR3; PIRB; CD85A; ILT-5; LIR-3; PIR-B; LILRA6; CD85 antigen-like family member A; immunoglobulin-like transcript 5; leucocyte Ig-like receptor B3; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6; leukocyte; immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3; monocyte inhibitory receptor HL9; leukocyte immunoglobulin-like receptor subfamily B member 3</p> |
| <b>Gene ID</b>          | 11025                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_001081450                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_001074919                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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