

Recombinant Human LILRB4 protein, His-Avi-tagged

Cat. No. LILRB4-309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LILRB4 Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Gln 22-Glu 259.
Species	Human
Source	HEK293
ProteinLength	Gln 22-Glu 259
Description	LILRB4, also known as CD85k and LIR-5, ILT3, is an approximately 60 kDa transmembrane glycoprotein that negatively regulates immune cell activation. Mature human ILT3 consists of a 238 amino acid (aa) extracellular domain with two Ig-like domains, a 21 aa transmembrane segment, and a 168 aa cytoplasmic domain with 3 immunoreceptor tyrosine-based inhibitory motifs (ITIM). LILRB4 is receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C and HLA-G alleles.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 28.6KDa. Due to glycosylation, the protein migrates to 38- 42KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.5EU per ug by the LAL method.
Purity	> 95% as determined by SDS-PAGE; > 95% as determined by HPLC

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name LILRB4 leukocyte immunoglobulin like receptor B4 [Homo sapiens (human)]

Official Symbol LILRB4

Synonyms CD85 antigen-like family member K; CD85k antigen; CD85k; HM18; ILT3; ILT-3; ILT3CD85K; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains); LILRB4; LIR5; LIR5LILRB5; LIR-5subfamily B, member 4; member 4

Gene ID 11006

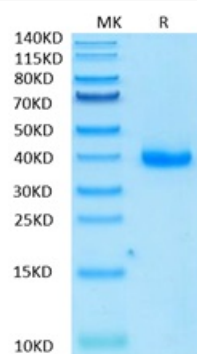
mRNA Refseq NM_001278426.3

Protein Refseq NP_001265355.2

MIM 604821

UniProt ID Q8NHJ6

**Tris-Bis PAGE of
LILRB4-309H**

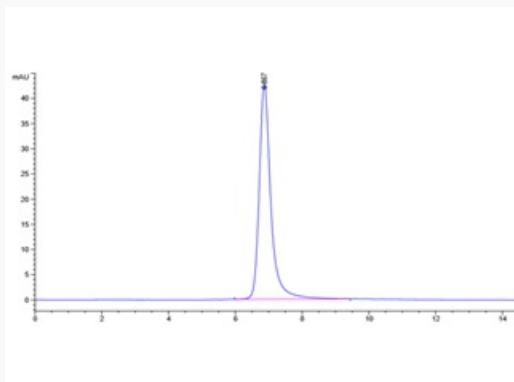


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

**SEC-HPLC of
LILRB4-309H**



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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