Recombinant Human LILRB4 Protein, HIgG1 Fc-tagged

Cat. No. LILRB4-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRB4 Protein (Met1-His257) is produced by HEK293 Cells expression system. This protein was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-His257
Predicted N Terminal	Met 21
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human LILRB4 consists of 475 amino acids and predicts a molecular mass of 52.8 kDa.
AA Sequence	MQAGPLPKPTLWAEPGSVISWGNSVTIWCQGTLEAREYRLDKEESPAPWDRQNPL EPKNKARFSIPSMTEDYAGRYRCYYRSPVGWSQPSDPLELVMTGAYSKPTLSALPS PLVTSGKSVTLLCQSRSPMDTFLLIKERAAHPLLHLRSEHGAQQHQAEFPMSPVTSV HGGTYRCFSSHGFSHYLLSHPSDPLELIVSGSLEGPRPSPTRSVSTAAGPEDQPLM PTGSVPHSGLRRH-ADDDDKE-PKSSDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS

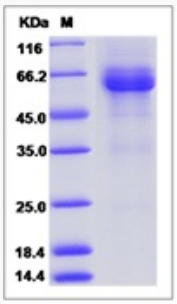
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	LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQG NVFSCSVMHEALHNHYTQKSLSLSPGK
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	LILRB4 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4 [Homo sapiens]
Official Symbol	LILRB4
Synonyms	HM18; ILT3; LIR5; CD85K; LIR-5; LILRB5;
Gene ID	11006
mRNA Refseq	NM_006847.3

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Protein Refseq	NP_006838.3
MIM	604821
UniProt ID	Q8NHJ6
	

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