

Product datasheet for **TP725291**

LILRB1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human LILRB1/ILT2/CD85j (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly24-His458
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Human LILRB1 is produced by our Mammalian expression system and the target gene encoding Gly24-His458 is expressed with a hFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	10859
UniProt ID:	Q8NHL6
Summary:	CD85 antigen-like family member J (CD85J) is an essential mediator of immune activation and tolerance that is the member of the leukocyte immunoglobulin-like receptor (LIR) family. CD85J is primarily expressed on B-cells and monocytes. CD85J is a receptor for a variety of major histocompatibility complex class I molecules (MHCIs) and transduces negative signals and down-regulation of the immune response. The transcription level of CD85J is associated with surface protein expression on NK cells. CD85J can interact with HLA-B or HLA-E and lead to inhibition of the signal triggered by FCER1A and inhibits serotonin release. In addition, CD85J inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions.



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