

# Product information

## CD84, 22-225aa

Human, His-tagged, Recombinant, Insect cell

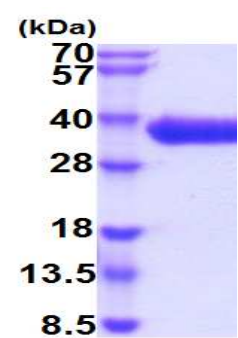
Cat. No. IBATGP3548

**Full name:** SLAM family member 5 isoform 1

**NCBI Accession No.:** NP\_001171808

**Synonyms:** CD84, hCD84, LY9B, mCD84, SLAMF5

**Description:** CD84, also known as slam family member 5 isoform 1, is a self-binding receptor from the CD150 family that is broadly expressed in hematopoietic cells. It is highly expressed in mast cells and that it contributes to the regulation of FcεRI signaling in SAP- and EAT-2-independent and Fes- and Src homology region 2 domain-containing phosphatase-1-dependent mechanisms. It belongs to the signaling lymphocyte activating molecule family of immunoreceptors, and has an unknown function in CLL cells. Its expression is significantly elevated from the early stages of the disease, and is regulated by macrophage migration inhibitory factor and its receptor, CD74. Recombinant human CD84, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

<p><b>Form:</b> Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p><b>Molecular Weight:</b> 23.8kDa (213aa) 28-40kDa (SDS-PAGE under reducing conditions)</p> <p><b>Predicted N terminal:</b> Ala</p> <p><b>Purity:</b> &gt; 95% by SDS - PAGE.</p> <p><b>Concentration:</b> 0.5mg/ml (determined by Absorbance at 280nm)</p> <p><b>Endotoxin Level:</b> &lt; 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3µg)</p>
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**Sequences of amino acids:**

ADPKDSEIFT VNGILGESVT FPNVNIQEPRQ VKIIAWTSKT SVAYVTPGDS ETAPVVTVTH RNYIERIHAL GPNYNLVISO LRMEDAGDYK ADINTQADPY TTTKRYNLQI YRRLGKPKIT QSLMASVNST CNVTLTGSVE KEEKNVTYNW SPLGEEGNVL QIFQTPEDQE LTYTCTAQNPSVNSDSISA RQLCADIAMG FRTHHTGHHH HHH

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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**General references:**

Binsky-Ehrenreich I., *et al.* (2014) *Oncogene*. 33:1006-1016.

Álvarez-Errico D., *et al.* (2011) *J Immunol*. 187:5577-5586.

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

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