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32-8640: Recombinant Mouse SLAM Family Member 5/SLAMF5/CD84(C-6His)

Gene : Cd84
Gene ID : 12523
Uniprot ID : Q18PI6

Description

Source: Human Cells.
MW :23.8kD.
Recombinant Mouse SLAMF5 is produced by our Mammalian expression system and the target gene encoding Lys22-Pro223 is expressed with a 6His tag at the C-terminus. CD84, also called SLAMF5, is a member of the CD2 subgroup of the immunoglobulin receptor superfamily. Members of this CD2 subgroup mediate signal transduction through the interaction of its immunoreceptor tyrosine-based switch motifs (ITSM) in the intracellular region and the SH2 domain of adaptor molecules SAP (SLAM-associated protein) and EAT-2 (EWS-activated transcript 2), and accordingly modulate both adaptive and innate immune responses. CD84 expression has been documented on several hematopoietic cell types, including monocytes, macrophages, dendritic cells, B lymphocytes, and platelets. Activation of cell surface CD84 initiates a signaling cascade involving its intra-cytoplasmic tyrosine residues that results in Bcl-2 upregulation, which in turn enhances cell survival. Either immunoneutralization or blockade of CD84 with a CD84 extracellular domain protein fragment induces cell death in vitro and in vivo.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	KDADPVVMNGILGESVTFLLNIQEPKKIDNIAWTSQSSVAFIKPGVNKAEVTITQGTYKGRIEIIDQKYDLVIRDLR MEDAGTYKADINEENEETITKIYYLHIYRRLKTPKITQSLISSLNNTCNITLTCSVEKEEKDVTYSWSPFGEKSNVL QIVHSPMDQKLTYTCTAQNPVSNSSDSVTVQQPCTDTPSFHPRHAVLPVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.