

CD352 (NTB-A)-FC recombinant protein

Catalog No :	YD3009
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	SLAMF6
Protein Name :	SLAM family member 6 (Activating NK receptor) (NK-T-B-antigen) (NTB-A) (CD antigen CD352)
Sequence :	Amino acid:22-226,with FC tag.
Human Gene Id :	114836
Human Swiss Prot No :	Q96DU3
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. Triggers cytolytic activity only in natural killer cells (NK) expressing high surface densities of natural cytotoxicity receptors (PubMed:11489943, PubMed:16920955). Positive signaling in NK cells implicates phosphorylation of VAV1. NK cell activation seems to depend on SH2D1B and not on SH2D1A (PubMed:16920955). In conjunction with SLAMF1 controls the transition between positive selection and the subsequent expansion and differen
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Expressed by all (resting and activated) natural killer cells (NK), T- and B-

lymphocytes (PubMed:11489943). Increased surface expression on T-cells of systemic lupus erythematosus (SLE) patients (PubMed:22184727).

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