

Recombinant Human CD1D protein, His-SUMO-tagged

Cat. No. CD1D-2659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1D protein(P15813)(20-301aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-301aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.9 kDa
AA Sequence	EVPQRLFPLRCLQISSFANSSWTRTDGLAWLGELQTHSWSNDSDTVRSCLKPWSQG TFSDQQWETLQHIFRVYRSSFTRDVKEFAKMLRLSYPLELQVSAGCEVHPGNASNN FFHVAFAQGKDILSFQGTWEPTQEAPLWVNLAIQVLNQDKWTRETVQWLLNGTCP QFVSGLLSESGKSELKKQVKPKAWLSRGPSGPGRLLLVCHVSGFYPPKPVWVKWMR GEQEQQGTQPGDILPNADETWYLRATLDVVAGEAAGLSCRVKHSSLEGQDIVLYW GGSYTS
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	CD1D CD1d molecule [Homo sapiens]
Official Symbol	CD1D
Synonyms	CD1D; CD1d molecule; CD1d antigen , CD1D antigen, d polypeptide; antigen-presenting glycoprotein CD1d; R3G1; thymocyte antigen CD1D; CD1D antigen, d polypeptide; T-cell surface glycoprotein CD1d; differentiation antigen CD1-alpha-3; HMC class I antigen-like glycoprotein CD1D; R3; CD1A; MGC34622;
Gene ID	912
mRNA Refseq	NM_001766
Protein Refseq	NP_001757
MIM	188410
UniProt ID	P15813