

Recombinant Human CD1A protein, His-tagged

Cat. No. CD1A-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1A protein(1-327 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-327 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MWNWLKEPLSFHVIWIASFYNHWSWKQNLVSGWLSDLQHTWDSNSSTIVFLWPWS RGNFSNEEWKELETFRIRTIRSFEGIRRYAHELQFEYPFEIQVTGGCELHSGKVSGS FLQLAYQGSDFVSFQNNSWLPYPVAGNMAKHFCVKVLNQNHENDITHNLLSDTCP RFILGLLDAGKAHLQRQVKPEAWLSHGSPGPGHLQLVCHVSGFYPPKPVWVMWM RGEQEQGTQRGDILPSADGTWYLRATLEVAAGEAADLSCRVKHSSLEGQDIVLY WEHHSSVGFILAVIVPLLLLIGLALWFRKRCFC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 Tel: 1-631-559-9269 1-516-512-3133

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cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [CD1A CD1a molecule \[Homo sapiens \]](#)

Official Symbol [CD1A](#)

Synonyms CD1; FCB6; HTA1; R4; T6

Gene ID [909](#)

mRNA Refseq [NM_001763](#)

Protein Refseq [NP_001754](#)

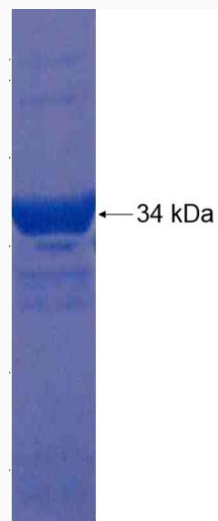
MIM [188370](#)

UniProt ID [P06126](#)

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SDS-PAGE

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