

## Recombinant Human CD1A Protein, MYC/DDK-tagged

Cat. No. CD1A-3042H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD1A protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternative splicing results in multiple transcript variants.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	35.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## 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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