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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD1D (Human) Recombinant Protein (P01)

Catalog Number: H00000912-P01

Regulation Status: For research use only (RUO)

Product Description: Human CD1D full-length ORF (AAH27926.1, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGCLLFLLLWALLQAWGSAEVPQRLFPLRCLQISSFA
NSSWTRTDGLAWLGELQTHSWSNDSDTVRSCLKPWS
QGTFSQQWETLQHIFRVYRSSFTRDVKEFAKMLRLS
YPLELQVSAGCEVHPGNASNNFFHVAFQGGKILSFQG
TSWEPTQEAPLWVNLAIQVLNQDKWTRETVQWLLNG
TCPQFVSGLLESGKSELKKQVKPAWLSRGPSGPG
RLLLVCHVSGFYKPKVWVKWMRGEQEQGTQPGDIL
PNADETWYLRATLDVVAGEAAGLSCRVKHSSLEGQDI
VLYWGGSYTSMGLIALAVLACLLFLLIVGFTSRFKRQTS
YQGV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.59

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 912

Gene Symbol: CD1D

Gene Alias: CD1A, MGC34622, R3

Gene Summary: This gene encodes a divergent 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 late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. [provided by RefSeq]