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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD244 (Human) Recombinant Protein (P01)

Catalog Number: H00051744-P01

Regulation Status: For research use only (RUO)

Product Description: Human CD244 full-length ORF (NP_057466.1, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLGQVVTLILLLLLLVYQGGKGCQGSADHVVSISGVPLQ
LQPNSIQTKVDSIAWKLLPSQNGFHHILKWENGLPS
NTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSISGK
VQTATFQVFVFDKVEKPRLLQGGKILDRGRCQVALSC
LVSRDGNVSYAWYRGSKLIQTAGNLTYLDEEVDINGT
HTYTCNVSNPVSWEHTLNLQDCQNAHQEFWF
LVIIVLSALFLGTLACFCVWRRKRKEKQSETSPKEFLTI
YEDVKDLKTRRNHEQEQTFFGGGSTIYSMIQSQSSAP
TSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIG
KSQPKAQNPARLSRKELENFDVYS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.5

Interspecies Antigen Sequence: Mouse (48); Rat (43)

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: 51744

Gene Symbol: CD244

Gene Alias: 2B4, NAIL, NKR2B4, Nmrk, SLAMF4

Gene Summary: Natural killer (NK) cells express both activating and inhibitory cell surface receptors. Inhibitory signaling receptors all possess cytoplasmic immunoreceptor tyrosine-based inhibitory motifs, or ITIMs, whereas the activating receptors lack ITIMs and associate with DAP12 (TYROBP; MIM 604142), which contains an immunoreceptor tyrosine-based activation motif, or ITAM. Killer cell immunoglobulin (Ig)-like receptors, or KIRs (see KIR2DL1; MIM 604936), and other NK cell receptors interact with major histocompatibility complex (MHC) molecules (see MIM 142800). Members of the CD2 (MIM 186990) family adhere to each other instead. The cell surface glycoprotein 2B4 is related to CD2 and is implicated in the regulation of NK- and T-cell function (Boles et al., 1999 [PubMed 10458320]).[supplied by OMIM]