

Product datasheet for TP306988

CD244 (NM_016382) Human Recombinant Protein

Product data:

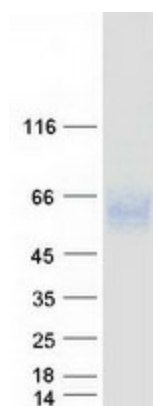
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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human CD244 molecule, natural killer cell receptor 2B4 (CD244), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206988 protein sequence Red =Cloning site Green =Tags(s) |
| | MLGQVVTLLLLLLKVVYQGKGCQGSADHVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQNGFHHILKWE NGSLPSNTSNDRFVFNKLSLLIKAAQQDQSGLYCLEVTSISGKVQTATFQVVFVDFKVEKPRLLQGQGI LDRGRCQVALSCLVSRDGNVSYAWYRGSKLIQTAGNLTYLDEEVDINGTHTYTCNVSNPVSWEHTLNLT QDCQNAHQEFRFPFLVIVILSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIYEDVKDLKTRRNHEQ EQTFPGGGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIGKSPKAQNP ARLSRKELENFDVYS |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 39 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_057466</u> |



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|-------------------|--|
| Locus ID: | 51744 |
| UniProt ID: | Q9BZW8 |
| RefSeq Size: | 2528 |
| Cytogenetics: | 1q23.3 |
| RefSeq ORF: | 1095 |
| Synonyms: | 2B4; NAIL; NKR2B4; Nmrk; SLAMF4 |
| Summary: | This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009] |
| Protein Families: | Druggable Genome, ES Cell Differentiation/IPS, Transmembrane |
| Protein Pathways: | Natural killer cell mediated cytotoxicity |

Product images:



Coomassie blue staining of purified CD244 protein (Cat# TP306988). The protein was produced from HEK293T cells transfected with CD244 cDNA clone (Cat# [RC206988]) using MegaTran 2.0 (Cat# [TT210002]).