

## Product datasheet for **TP306988L**

### CD244 (NM\_016382) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD244 molecule, natural killer cell receptor 2B4 (CD244), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206988 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLGQWTLILLLLLVYQGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKLLPSQNGFHHILKWE  
 NGLSPSNTSNDRFVFNKLSLLIKAAQQDGLYCLEVTSISGKVQTATFQVVFVDFKVEKPRLQGGKI  
 LDRGRCQVALSCLVSRDGNVSYAWYRGSKLIQTAGNLTYLDEEVDINGTHTYTCNVSNPVSWSHTLNL  
 QDCQNAHQEFWFVFLVIVLSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIEDVKDLKTRRNHEQ  
 EQTFPGGGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIGKSQPKAQN  
 ARLSRKELENFDVYS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

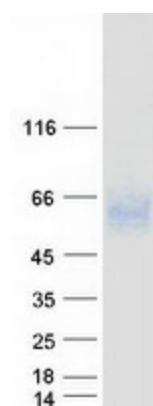
Tag:	C-Myc/DDK
Predicted MW:	39 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_057466</a>
Locus ID:	51744



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UniProt ID:	<a href="#">Q9BZW8</a>
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]).