

# Recombinant Full Length Human CD244 Protein, GST-tagged

Cat. No. CD244-3087HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human CD244 full-length ORF (NP\_057466.1, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**ProteinLength** 365 amino acids

**Description** 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]

**Molecular Mass** 67.5 kDa

**AA Sequence**

```
MLGQVVTLILLKLVYQGGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLP
SQNGFHHILKWENGLPSNTSNDRFVFNKLSLLIKAAQQQDSGLYCLEVTSISGKV
QTATFQVVFVDFKVEKPRQLQGQKILDRGRCQVALSCLVSRDGNVSYAWYRGSKLIQ
TAGNLTYLDEEVDINGTHTYTCNVSNPVSWESHTLNLTQDCQNAHQEFRFWPFLVII
VILSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIYEDVKDLKTRRNHEQEQTFFPG
GGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIGKSQ
PKAQNPARLSRKELENFDVYS
```

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CD244 CD244 molecule, natural killer cell receptor 2B4 [ Homo sapiens ]
<b>Official Symbol</b>	CD244
<b>Synonyms</b>	CD244; CD244 molecule, natural killer cell receptor 2B4; CD244 natural killer cell receptor 2B4, natural killer cell receptor 2B4; natural killer cell receptor 2B4; 2B4; NAIL; NKR2B4; Nmrk; SLAMF4; h2B4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL;
<b>Gene ID</b>	51744
<b>mRNA Refseq</b>	NM_001166663
<b>Protein Refseq</b>	NP_001160135
<b>MIM</b>	605554
<b>UniProt ID</b>	Q9BZW8

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