

Recombinant Rat Cd244 protein, His & T7-tagged

Cat. No. Cd244-1848R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd244 aa. (Gln20~Phe221 (Accession # Q9JLM2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln20~Phe221
Description	Cell surface glycoprotein involved in the regulation of natural killer and T lymphocyte function.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

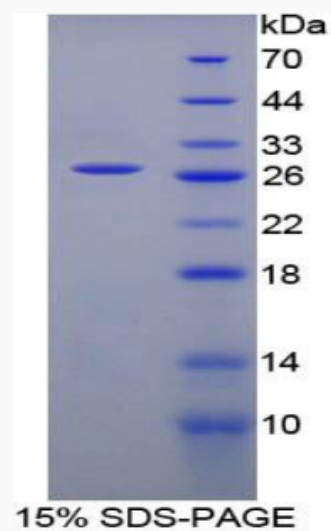
Gene Name	Cd244 CD244 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd244
Synonyms	Cd244; CD244 molecule; 2B4; Nmrk; natural killer cell receptor 2B4; CD244 natural killer cell receptor 2B4; Cd244 molecule, natural killer cell receptor 2B4; NK cell type I receptor protein 2B4; NKR2B4; non-MHC restricted killing associated; transmembrane NK cell receptor 2B4
Gene ID	64025
mRNA Refseq	NM_022259.1
Protein Refseq	NP_071595.1
UniProt ID	Q9JLM2

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SDS-PAGE



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