Active Recombinant Rat CD244 protein, His-tagged

Cat. No. CD244-1242R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD244 protein(Thr 24 - Gln 187), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Thr 24 - Gln 187
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Mouse 4-1BB Ligand, Fc Tag on Protein A Biosensor, can bind Rat 4-1BB, His Tag with an affinity constant of 74.3 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 19.5 kDa. The protein migrates as 28-38 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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	lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd244 Cd244 molecule, natural killer cell receptor 2B4 [Rattus norvegicus]
Official Symbol	CD244
Synonyms	CD244; Cd244 molecule, natural killer cell receptor 2B4; natural killer cell receptor 2B4; NKR2B4; transmembrane NK cell receptor 2B4; NK cell type I receptor protein 2B4; non MHC restricted killing associated; non-MHC restricted killing associated; CD244 natural killer cell receptor 2B4; 2B4; Nmrk;
Gene ID	64025
mRNA Refseq	NM_022259
Protein Refseq	NP_071595

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