

Recombinant Human CD244 Protein, Avi-tagged, Biotinylated

Cat. No. CD244-1826H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Human 2B4 is expressed from HEK293 cells. It contains AA Cys 22 - Arg 221 (Accession # Q9BZW8-2).
Species	Human
Source	HEK293
ProteinLength	22-221 a.a.
Predicted N Terminal	Cys 22
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 69.2 kDa. The protein migrates as 72-85 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.3-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°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.

Conjugation Biotin

GENE INFORMATION

Gene Name [CD244 CD244 molecule, natural killer cell receptor 2B4 \[Homo sapiens \]](#)

Official Symbol [CD244](#)

Synonyms 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;

Gene ID [51744](#)

mRNA Refseq [NM_001166663](#)

Protein Refseq [NP_001160135](#)

MIM [605554](#)

UniProt ID [Q9BZW8](#)

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