

## Active Recombinant Human CD244 protein, hFc-tagged

**Cat. No.** CD244-580H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human CD244 protein(Q9BZW8-2)(Cys22-Arg221) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 22-221 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0).                                                                                                                                            |
| <b>Bio-activity</b>     | Immobilized Human CD48, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human 2B4, hFc Tag with the EC50 of 0.13µg/ml determined by ELISA.                                                         |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 49 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Bis-Tris PAGE result.                                                                                        |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                        |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## 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](#)

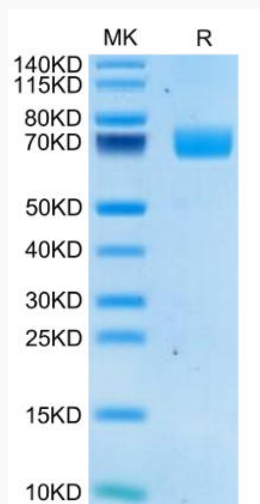
**UniProt ID** [Q9BZW8](#)

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

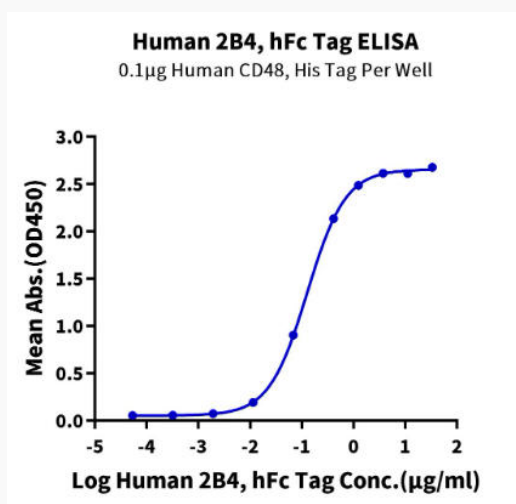
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

## Bis-Tris PAGE



## ELISA Data



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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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