Human 2B4/CD244/SLAMF4 Protein, Ultra Low Endotoxin

Catalog # 2B4-HP002 Form: Lyophilized

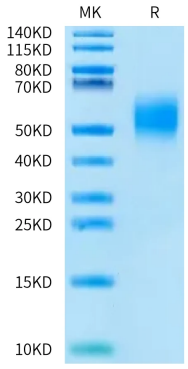
Product Details

Product description	Recombinant Human 2B4/CD244/SLAMF4 Protein is expressed in HEK293 cells with a His tag at the C-terminus. It contains amino acid residues Cys22-Arg221 (UniProt accession: Q9BZW8-2).
Molecular aliases	2B4; CD244 antigen; CD244; h2B4; NAIL; NKR2B4; Nmrk; SLAMF4
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 23.1 kDa. Due to glycosylation, the protein migrates to 45-70 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 24 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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human 2B4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.