Human BDCA-2 Protein

Catalog # BDCA2-HF002 Form: Lyophilized

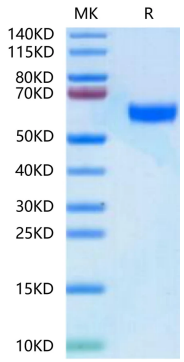
Product Details

Product description	Recombinant Human BDCA-2 Protein is expressed in HEK293 cells with an mFc (IgG2a) tag at the N-terminus. It contains amino acid residues Phe46-Ile213 (UniProt accession: Q8WTT0-1).
Molecular aliases	BDCA-2; BDCA2; CLECSF11; CLECSF7; DLEC; HECL; CLEC4C; CD303;
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 46.39 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 20mM Tris, 150mM NaCl, 200mM L-arginine (pH 8.5). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-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.
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 BDCA-2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.