Biotinylated Human LAG3/CD223 Protein

Catalog # LAG3-HB001 Form: Lyophilized

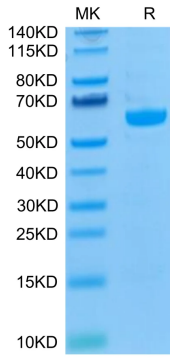
Product Details

Product description	Recombinant Biotinylated Human LAG3/CD223 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Leu23-Gly434 (UniProt accession: P18627-1).
Molecular aliases	CD223; FDC; LAG3; LAG-3; sLAG-3;sLAG3
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 47.3 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 > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 20mM PB, 150mM NaCl (pH 6.5). 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

Biotinylated Human LAG3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.