Human Her3/ErbB3 Protein

Catalog # HER3-HF001 Form: Lyophilized

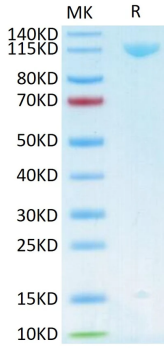
Product Details

Product description	Recombinant Human Her3/ErbB3 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Ser20-Thr643 (UniProt accession: P21860).
Molecular aliases	ErbB3; ErbB-3; HER3; HER3c-erbB-3; LCCS2; MDA-BF-1; MGC88033; p180-ErbB3; p45-sErbB3; p85-sErbB3; ERBB3;HER3c-erbB3; MDA-BF1; p180ErbB3; p45sErbB3; p85sErbB3
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 95.4 kDa. Due to glycosylation, the protein migrates to 110-120 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 PBS (pH 7.4). 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 Her3 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.