

Biotinylated Human Her2/ErbB2 Domain 4 Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
	93152ES60	100 µg
Biotinylated Human Her2/ErbB2 Domain 4 Protein, His-Avi Tag	93152ES76	500 µg
	93152ES80	1 mg

产品描述

ErbB2, also called Neu and Her2 (human epidermal growth factor receptor 2), is a type I membrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. ErbB family members serve as receptors for the epidermal growth factor (EGF) family of growth factors. ErbB2 is widely expressed in epithelial cells and has also been found to be over-expressed in a large number of breast carcinomas. Among ErbB family members, ErbB2 is unique in that it has no identified ligands. ErbB2 can be shed from the cell surface by proteolytic cleavage by an unidentified protease. ErbB2 appears to play roles in development, cancer, communication at the neuromuscular junction and regulation of cell growth and differentiation.

产品性质

Synonyms	CD340; EGFR2; ErbB2; HER2; HER-2; herstatin; MLN 19; MLN19; NGL; TKR1; ERBB2; NEU; ENV; ENVW; ERVWE1; HERV7Q; HERVW
Uniprot No.	P04626-1
Source	Recombinant Biotinylated Human Her2/ErbB2 Domain 4 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Pro489-Cys630.
Molecular Weight	The protein has a predicted MW of 18.5 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE and HPLC
Endotoxin	< 1.0 EU per 1µg of the protein 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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 -6 months, -20 to -80°C under sterile conditions after reconstitution.

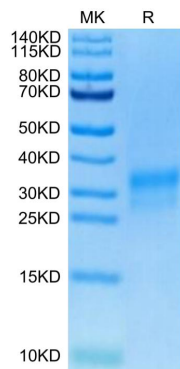
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

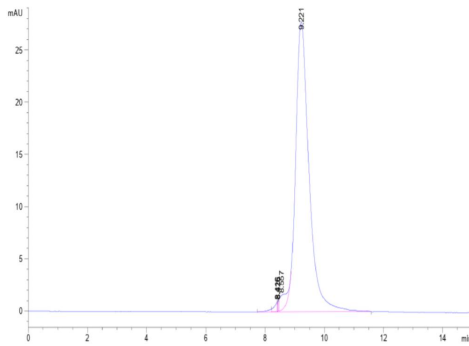
产品数据

Tris-Bis PAGE



Biotinylated Human Her2 Domain 4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Human Her2 Domain 4 is greater than 95% as determined by SEC-HPLC.