

Datasheet for ABIN7504352

ERBB3 Protein (AA 20-641) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ERBB3
Protein Characteristics:	AA 20-641
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERBB3 protein is labelled with His tag.

Product Details

Purpose:	Mouse Her3/ErbB3 Protein
Sequence:	Ser20-His641
Characteristics:	Recombinant Mouse Her3/ErbB3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser20-His641.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ERBB3
Alternative Name:	Her3 (ERBB3 Products)

Target Details

Background:	Her3, also called ErbB3, is a type I membrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. Her3 is expressed in keratinocytes, melanocytes, skeletal muscle cells, embryonic myoblasts and Schwann cells. Monomeric Her3 serves as a low affinity receptor for the heregulins (HRG).
Molecular Weight:	69.59 kDa. Due to glycosylation, the protein migrates to 78-100 kDa based on Tris-Bis PAGE result.
UniProt:	Q61526
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months