

Datasheet for ABIN7092776
GFRA3 Protein (AA 32-374) (His tag)



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2 Images

Overview

Quantity:	100 µg
Target:	GFRA3
Protein Characteristics:	AA 32-374
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFRA3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human GFRA3 protein with C-terminal 6xHis tag
Specificity:	GFRA3 (Asp32-Asn374) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	GFRA3
Alternative Name:	GFRA3 (GFRA3 Products)
Background:	The protein encoded by this gene is a glycosylphosphatidylinositol(GPI)-linked cell surface

Target Details

receptor and a member of the GDNF receptor family. It forms a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 39.1 kDa after removal of the signal peptide. The apparent molecular mass of GFRA3-His is 55-70 kDa due to glycosylation.

UniProt: [O60609](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

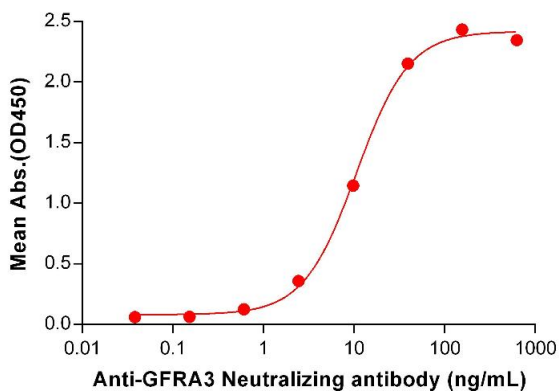
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images

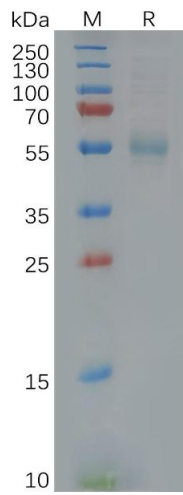
Human GFRA3, His Tagged protein ELISA

0.2 µg of Human GFRA3, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human G Protein, His Tag (ABIN7092776, ABIN7272368 and ABIN7272369) can bind Anti-G Neutralizing antibody ABIN7477994 and ABIN7490926 in a linear range of 2.44-156.25 ng/mL.



SDS-PAGE

Image 2. Human G Protein, His Tag on SDS-PAGE under reducing condition.