

PRODUCT INFORMATION

Target	GFRA3
Synonyms	GDNFR3
Description	Recombinant human GFRA3 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O60609
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	GFRA3(Asp32-Asn374) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 39.1 kDa after removal of the signal peptide. The apparent molecular mass of GFRA3-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Yefei_Storage	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.
Background	The protein encoded by this gene is a glycosylphosphatidylinositol(GPI)-linked cell surface 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]
Usage	Research use only
Conjugate	Unconjugated



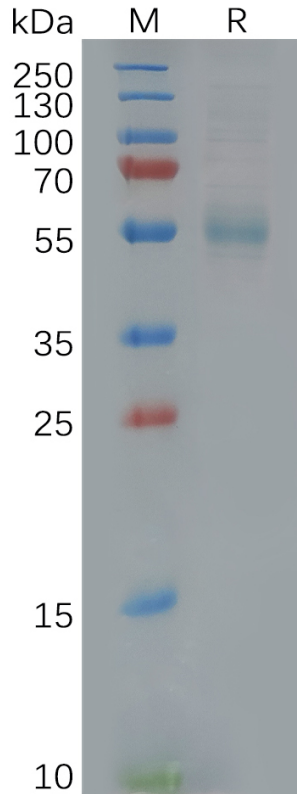


Figure 1. Human GFRA3 Protein, His Tag on SDS-PAGE under reducing condition.

Human GFRA3, His Tagged protein ELISA

0.2 μg of Human GFRA3, His tagged protein per well

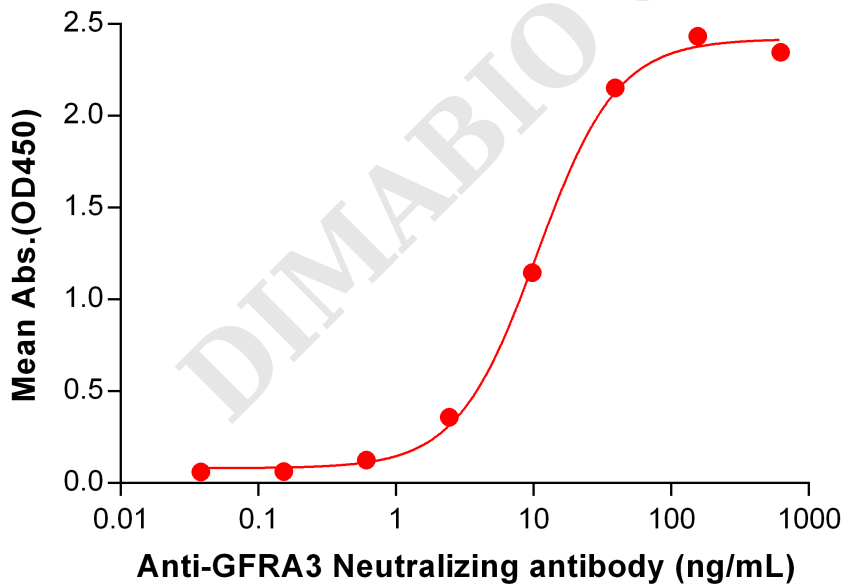


Figure 2. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human GFRA3 Protein, His Tag (PME100620) can bind Anti-GFRA3 Neutralizing antibody BME100091 in a linear range of 2.44-156.25 ng/mL.

