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Datasheet for ABIN7596155  
**GFRA1 Protein (AA 25-424) (Fc Tag)**

Overview

Quantity:	500 µg
Target:	GFRA1
Protein Characteristics:	AA 25-424
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This GFRA1 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

Product Details

Sequence:	<p>DRLDCVKASD QCLKEQSCST KYRTLRCQVA GKETNFSLAS GLEAKDECRS AMEALKQKSL YNCRCCKRGMK KEKNCLRIYW SMYQSLQGND LLEDSPYEPV NSRLSDIFRV VPFISVEHIP KGNCLDAK ACNLDDICKK YRSAYITPCT TSVSNDVCNR RKCHKALRQF FDKVPAKHSY GMLFCSCARDI ACTERRRQTI VPVCSYEERE KPNCNLQDS CKTNYICRSR LADFFTNCQP ESRSVSSCLK ENYADCLLAY SGLIGTVMTP NYIDSSSLSV APWCDCSNSG NDLEECLKFL NFFKDNTCLK NAIQAFNGS DVTWQPAFP VQTTTATTTT ALRVKNKPLG PAGSENEIPT HVLPPCANLQ AQKLKSNVSG NTHLCISNGN YEKEGLGASS</p>
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)
Biological Activity Comment:	Measured by its binding ability in a functional ELISA with Human GDNF (CAT# ATGP3942). The

## Product Details

ED50 range ≤ 50 ng/ml.

## Target Details

Target:	GFRA1
Alternative Name:	GFR alpha-1 ( <a href="#">GFRA1 Products</a> )
Background:	GFR alpha-1, also known as GDNF family receptor alpha-1, belongs to the GDNFR family. It is a glycosylphosphatidylinositol (GPI)-linked receptor found on the cell surface, acting as a receptor for both GDNF and NTN and function as neurotrophic factors for a variety of neuronal populations in the central and peripheral nervous systems. It bind GDNF strongly and activate RET tyrosine kinase and is also essential for the development of kidneys and the enteric nervous system. Recombinant human GFR alpha-1, fused to hIgG-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	70.8 kDa (633aa)
NCBI Accession:	<a href="#">NP_665736</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.