

## Recombinant Human GFRA2 Protein

Catalog #	Source	Reactivity	Applications
CRP1618	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human GFRA2 Protein is produced by our mammalian expression system and the target gene encoding Ser22-Ser441 is expressed with a Fc, 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
<b>Gene Symbol</b>	GFRA2
<b>Alternative Names</b>	GDNFRB; RETL2; TRNR2; GDNF family receptor alpha-2; GDNF receptor alpha-2; GDNFR-alpha-2; GFR-alpha-2; GDNF receptor beta; GDNFR-beta; Neurturin receptor alpha; NRTNR-alpha; NTN-alpha; RET ligand 2; TGF-beta-related neurotrophic factor receptor 2
<b>Entrez Gene</b>	2675 (Human)
<b>SwissProt</b>	O00451 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	SPSSLQGPEL HGWRPPVDCV RANELCAAES NCSSRYRTLRL QCLAGRDRNT MLANKECQAA LEVLQESPLY DCRCKRGMKK ELQCLQIYWS IHLGLTEGEE FYEASPYEPV TSRLSDIFRL ASIFSGTGAD PVVSAKSNHC LDAAKACNLN DNCKKLRSSY ISICNREISP TERCNRRKCH KALRQFFDRV PSEYTYRMLF CSCQDQACAE RRRQTILPSC SYEDKEKPNC LDLRGVCRD HLCRSRLADF HANCRASYQT VTSCPADNYQ ACLGSYAGMI GFDMPNYVD SSPTGIVVSP WCSRGSGNM EEECEKFLRD FTENPCLRNA IQAFNGTVD NVSPKGPSFQ ATQAPRVEKT PSLPDDLSDS TSLGTSVITT CTSVQEQGLK ANNSKELSMC FTELTTNIIP GSNKVIKPN VDDIEGRMDE PKSCDKTHC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ  
PENNYKTTTPP VLDSGDGSFFL YSKLTVDKSR WQQGNVFS CS VMHEALHNHY TQKSLSLSPG  
KHHHHHHH

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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