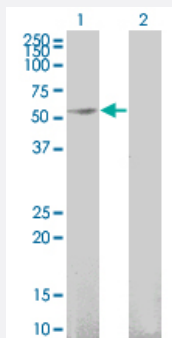


GFRA1 monoclonal antibody (M03), clone 3E4

Catalog # H00002674-M03

Size 100 ug

Applications

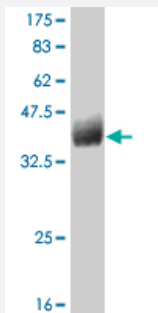


Western Blot (Transfected lysate)

Western Blot analysis of GFRA1 expression in transfected 293T cell line by GFRA1 monoclonal antibody (M03), clone 3E4.

Lane 1: GFRA1 transfected lysate(50.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (35.68 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant GFRA1.
Immunogen	GFRA1 (NP_005255, 32 a.a. ~ 119 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ASDQCLKEQSCSTKYRTLRLQCVAGKETNFSLASGLEAKDECRSAMEALKQKSLYNCRCKRGMK KEKNCLRIMWSMYQSLQGNDLLED
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.68 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of GFRA1 expression in transfected 293T cell line by GFRA1 monoclonal antibody (M03), clone 3E4.

Lane 1: GFRA1 transfected lysate(50.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GFRA1

Entrez GeneID	2674
GeneBank Accession#	NM_005264
Protein Accession#	NP_005255
Gene Name	GFRA1
Gene Alias	GDNFR, GDNFRA, GFR-ALPHA-1, MGC23045, RET1L, RETL1, TRNR1
Gene Description	GDNF family receptor alpha 1
Omim ID	601496
Gene Ontology	Hyperlink

Gene Summary

Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]

Other Designations

GPI-linked anchor protein|Glial cell line-derived neurotrophic factor receptor alpha|OTTHUMP00000020558|OTTHUMP00000020559|PI-linked cell-surface accessory protein|RET ligand 1|TGF-beta related neurotrophic factor receptor 1

Disease

- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hirschsprung Disease](#)
- [Hydronephrosis](#)
- [Hyperparathyroidism](#)
- [Liver Neoplasms](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)