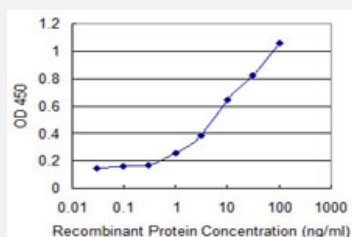


CHRNE monoclonal antibody (M02), clone 1H5

Catalog # H00001145-M02

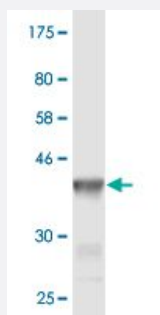
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHRNE is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CHRNE.

Immunogen

CHRNE (NP_000071, 21 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

KNEELRLYHHLFNNDPGSRPVREPEDVTISLKVTLTNLISLNEKEETLTTSVWIGIDWQDYRLNYS
KDDFGGIETLRVPSELVWLPEMLENNIDGQFGVAYDANVLV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (88); Rat (88)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHRNE is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHRNE

Entrez GeneID	1145
GeneBank Accession#	NM_000080
Protein Accession#	NP_000071
Gene Name	CHRNE
Gene Alias	ACHRE, CMS1D, CMS1E, CMS2A, FCCMS, SCCMS
Gene Description	cholinergic receptor, nicotinic, epsilon
Omim ID	100725 601462 608930 608931
Gene Ontology	Hyperlink

Gene Summary

Acetylcholine receptors at mature mammalian neuromuscular junctions are pentameric protein complexes composed of four subunits in the ratio of two alpha subunits to one beta, one epsilon, and one delta subunit. The acetylcholine receptor changes subunit composition shortly after birth when the epsilon subunit replaces the gamma subunit seen in embryonic receptors. Mutations in the epsilon subunit are associated with congenital myasthenic syndrome. [provided by RefSeq]

Other Designations

AchR epsilon subunit|cholinergic receptor, nicotinic, epsilon polypeptide|nicotinic acetylcholine receptor epsilon polypeptide

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Myasthenia Gravis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)