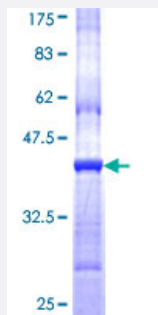


CHRND (Human) Recombinant Protein (Q01)

Catalog # H00001144-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHRND partial ORF (NP_000742, 24 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EEERLIRHLFQEKGYNKELRPVAHKEESVDVALALTLSNLISLKEVEETLTNNVWIEHGWTDNRLK WNAEEFGNISVLRLPPDMVWLPEMLENNNDGSFQISYSCN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHRND

Entrez GeneID	1144
GeneBank Accession#	NM_000751
Protein Accession#	NP_000742
Gene Name	CHRND
Gene Alias	ACHRD, CMS2A, FCCMS, SCCMS
Gene Description	cholinergic receptor, nicotinic, delta
Omim ID	100720 601462 608930
Gene Ontology	Hyperlink
Gene Summary	The acetylcholine receptor of muscle has 5 subunits of 4 different types: 2 alpha and 1 each of beta, gamma and delta subunits. After acetylcholine binding, the receptor undergoes an extensive conformation change that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. [provided by RefSeq]
Other Designations	cholinergic receptor, nicotinic, delta polypeptide nicotinic acetylcholine receptor delta polypeptide

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Myasthenia Gravis](#)
- [Obesity](#)

- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
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- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Tobacco Use Disorder](#)