Recombinant Human CHRND Protein, GST-Tagged

Cat. No. CHRND-1291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRND partial ORF (NP_000742, 24 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. Defects in this gene are a cause of multiple pterygium syndrome lethal type (MUPSL), congenital myasthenic syndrome slow-channel type (SCCMS), and congenital myasthenic syndrome fast-channel type (FCCMS). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]
Molecular Mass	37.51 kDa
AA Sequence	EEERLIRHLFQEKGYNKELRPVAHKEESVDVALALTLSNLISLKEVEETLTTNVWIEH GWTDNRLKWNAEEFGNISVLRLPPDMVWLPEIVLENNNDGSFQISYSCN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

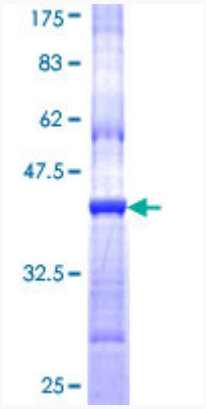
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHRND cholinergic receptor, nicotinic, delta (muscle) [Homo sapiens]
Official Symbol	CHRND
Synonyms	CHRND; cholinergic receptor, nicotinic, delta (muscle); ACHRD, cholinergic receptor, nicotinic, delta; acetylcholine receptor subunit delta; acetylcholine receptor; nicotinic; delta (muscle); acetylcholine receptor, nicotinic, delta (muscle); cholinergic receptor, nicotinic, delta polypeptide; ACHRD; CMS2A; FCCMS; SCCMS;
Gene ID	1144
mRNA Refseq	NM_000751
Protein Refseq	NP_000742
MIM	100720
UniProt ID	Q07001

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA