

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	EEERLIRHLFQEKGYNKELRPVAHKEESVDVALALTLNLI SLKEVEETLTTNVWIEH GWTDNRLKWNAAEEFGNISVLRLPPDMVWLPEIVLENNNDGSFQISYSCN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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](#)

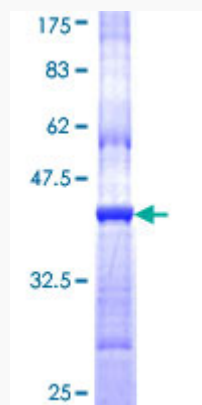
UniProt ID [Q07001](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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