

## Recombinant Human CHRND Protein, GST-Tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human CHRND partial ORF (NP_000742, 24 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	37.51 kDa
<b>AA Sequence</b>	EEERLIRHLFQEKGYNKELRPVAHKEESVDVALALTLNLIISLKEVEETLTTNVWIEH GWTDNRLKWNAAEEFGNISVLRLPPDMVWLPEIVLENNNDGSFQISYSCN
<b>Applications</b>	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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