Recombinant Human CHRNE Protein, GST-Tagged

Cat. No. CHRNE-1293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRNE partial ORF (NP_000071, 21 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Sep 2009]
Molecular Mass	37.84 kDa
AA Sequence	KNEELRLYHHLFNNYDPGSRPVREPEDTVTISLKVTLTNLISLNEKEETLTTSVWIGID WQDYRLNYSKDDFGGIETLRVPSELVWLPEIVLENNIDGQFGVAYDANVLV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

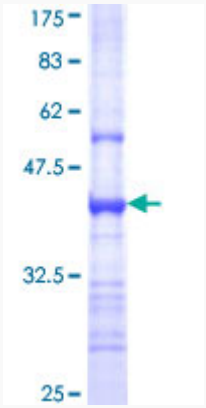
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHRNE cholinergic receptor, nicotinic, epsilon (muscle) [Homo sapiens]
Official Symbol	CHRNE
Synonyms	CHRNE; cholinergic receptor, nicotinic, epsilon (muscle); cholinergic receptor, nicotinic, epsilon; acetylcholine receptor subunit epsilon; acetylcholine receptor; nicotinic; epsilon (muscle); ACHRE; AchR epsilon subunit; acetylcholine receptor, nicotinic, epsilon (muscle); cholinergic receptor, nicotinic, epsilon polypeptide; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS;
Gene ID	1145
mRNA Refseq	NM_000080
Protein Refseq	NP_000071
MIM	100725
UniProt ID	Q04844

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

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