

Recombinant Human UNC13A Protein, 1000-1703, His-tagged

Cat. No. UNC13A-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNC13A Protein, 1000-1703, with His-tag was purified from HEK293
Species	Human
Source	HEK293
ProteinLength	1000-1703
Description	This gene encodes a member of the UNC13 family. UNC13 proteins bind to phorbol esters and diacylglycerol and play important roles in neurotransmitter release at synapses. Single nucleotide polymorphisms in this gene may be associated with sporadic amyotrophic lateral sclerosis.
Molecular Mass	Theoretical molecular weight: ~ 97 kDa
AA Sequence	MHHHHHHVKACLNSTYEYIFNNCHELYSREYQTDPAKKGEVLP EEGGPSIKNLDFW SKLITLIVSII EEDKNSYTPCLNQFPQELNVGKISAEVMWNLFAQDMKYAMEEHDKHR LCKSADYMNLFHKVKWLYNEYVTELP AFKDRVPEYPAWFEPFVIQWLDENEEVSRD FLHGALERDKK DGFQQTSEHALFSCSVVDVFSQLNQSFEI IKKLECPDPQIVGHYMR RFAKTISNVLLQYADIISKDFASYCSKEKEKVP CILMNNTQQLRVQLEKMFEAMGGKE LDAEASDILKELQVKLNNVLDEL SRVFATSFQPHIEECVKQMGDILSQVKGTGNVPAS ACSSVAQDADNVLQPIMDLLDSNLT LFAKICEKTVLKRVLKELWKLVMNTMEKTIVLP PLTDQTMIGNLLRKHGKGLEKGRVKLP SHSDGTQMIFNAAKELGQLSKLKDHMVRE EAKSLTPKQCAVVELALDTIKQYFHAGGVGLKKT FLEKSPDLQSLRYALSLYTQATDL

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LIKTFVQTQSAQGLGVDPVGEVSVHVELFTHPGTGEHKVTVKVVAANDLKWQTSG
IFRPFIEVNIIGPQLSDKKRKFKATKSKNNWSWAPKYNESFQFTLSADAGPECYELQVCV
KDYCFAREDRTVGLAVLQLRELAQRGSAACWLPLGRRIHMDDTGLTVLRILSQRSN
DEVAKEFVKLKSDTRSAAEEGGAAPAP

Endotoxin < 1 EU/μg protein by LAL

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.05 mg/mL

Storage Buffer PBS buffer, pH 7.4

GENE INFORMATION

Gene Name UNC13A unc-13 homolog A (C. elegans) [Homo sapiens (human)]

Official Symbol [UNC13A](#)

Synonyms UNC13A; unc-13 homolog A (C. elegans); protein unc-13 homolog A; KIAA1032; Munc13 1; Munc13-1

Gene ID [23025](#)

mRNA Refseq [NM_001080421](#)

Protein Refseq [NP_001073890](#)

MIM [609894](#)

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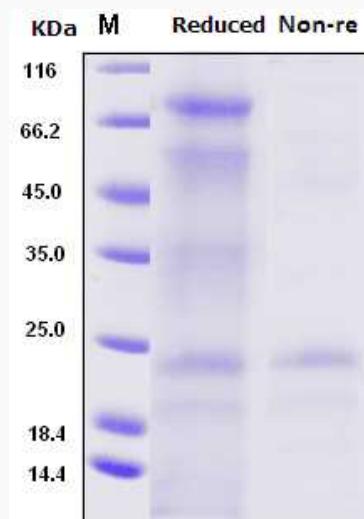
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UniProt ID

Q9UPW8

SDS-PAGE



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