

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
Protein Length	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

 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

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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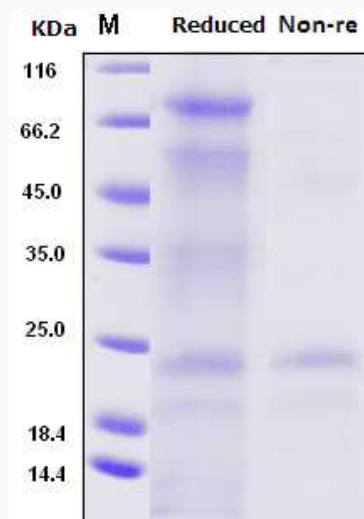
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9UPW8

SDS-PAGE



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