

Recombinant Human UNC45B protein, GST-tagged

Cat. No. UNC45B-30132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNC45B (1-350 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn350
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAEVEAVQLKEEGNRHFQLQDYKAATNSYSQALKLTKDKALLATLYRNRAACGLKT ESYIQAASDASRAIDINSSDIKALYRRCQALEHLGKLDQAFKDVQRCATLEPRNQNF QEMLRRLNTSIQEKLRVQFSTDSRVQKMFEILLDENSEADKREKAANNLIVLGREEA GAEKIFQNNGVALLLQLLDTKPELVLAAVRTLSGMCSGHQARATVILHAVRIDRICS LMAVENEEMSLAVCNLLQAIIDSLSGEDKREHRGKEEALVLDTKKDLKQITSHLLDML VSKKVSGQGRDQALNLLNKNVPRKDLAIHDNSRTIYVDNGLRKILKVVGQVPDLPS CLPLTDN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage

Short-term storage: Store at 2-8°C for (1-2 weeks).
 Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [UNC45B unc-45 homolog B \(C. elegans\) \[Homo sapiens \]](#)

Official Symbol [UNC45B](#)

Synonyms UNC45B; unc-45 homolog B (C. elegans); cardiomyopathy associated 4 , CMYA4; protein unc-45 homolog B; UNC45; UNC-45B; striated muscle UNC45; cardiomyopathy associated 4; CMYA4; SMUNC45; FLJ38610; MGC119540; MGC119541;

Gene ID [146862](#)

mRNA Refseq [NM_001033576](#)

Protein Refseq [NP_001028748](#)

MIM [611220](#)

UniProt ID [Q8IWX7](#)

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