

Recombinant Human KY Protein, GST-tagged

Cat. No. KY-4786H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human KY full-length ORF (BAC03471.1, 1 a.a. - 561 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the transglutaminase-like superfamily. The protein is involved in the function, maturation and stabilization of the neuromuscular junction and may be required for normal muscle growth. Mutations in this gene are associated with myopathy, myofibrillar, 7. [provided by RefSeq, Apr 2017]
Molecular Mass	90.3 kDa
AA Sequence	MELKKDINAVSIDMLLIVHSEKRRAAQGTLSDQQANPSSLLQRGGGFQGVGNGVRR WQKLEGNDFHENLVEKQHPQQPVITSYNSQGTQLTVEVHPRDAMPQLLKKFSLA KRLQGDKNGNTRPRQPGGKDAHAYPWRSSLKSMSDLQQFEKLDIYTSQVTAKS GLDELVSDLLQEHTDLERVRAIWIWICHHIEYDIAAAQEKDRQAFKPTDILRTQKTN CDGYAGLFERMCRLAGVQCMTVPGYSKGFYQGTGQSFSGEFDHAWNAVYLEGR WHLVDSTWGSGLVDTITSKFTFLYNEFYFLTHPALFIEDHFPDNKNWQLLPPQSLR QFENNMYHKSEFYNGMLSAHPETSMIRTVNGKATVTIESCAPTLFMFMLNGKQEH GLLSLRKNGMKLEVYPPTMGTHKLQIFAKGNSDIYSSVLEYTLKCNVDMGVQLPAE LHQPVGPSWFSEQMGIMKPSHPDPIIHTSDGRCSISFSVEEGINVLASLHGDDGPITE

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ETQRRYIFQLHREKQTELKVQLPHAGKFALKIYVMVLENANHNFYSYILKYKVNAQ

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

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

KY kyphoscoliosis peptidase [Homo sapiens]

Official Symbol

KY

Synonyms

KY; kyphoscoliosis peptidase; FLJ33207;

Gene ID

339855

mRNA Refseq

NM_178554

Protein Refseq

NP_848649

MIM

605739

UniProt ID

Q8NBH2

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