

Recombinant Full Length Human DOK7 Protein, GST-tagged

Cat. No. DOK7-3946HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DOK7 full-length ORF (BAC11367.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	298 amino acids
Description	The protein encoded by this gene is essential for neuromuscular synaptogenesis. The protein functions in aneural activation of muscle-specific receptor kinase, which is required for postsynaptic differentiation, and in the subsequent clustering of the acetylcholine receptor in myotubes. This protein can also induce autophosphorylation of muscle-specific receptor kinase. Mutations in this gene are a cause of familial limb-girdle myasthenia autosomal recessive, which is also known as congenital myasthenic syndrome type 1B. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]
Molecular Mass	57 kDa
AA Sequence	MVGASRPPPKPLRPRQLQEVGRQSSSDSGIATGSHSSYSSSLSSYAGSSLDVWRA TDELGSLLSLPAAGAPEPSLCTCLPGTVEYQVPTSLRAHYDTPRSLCLAPRDHSPPS QGSPGNSAARDSSGGQTSAGCPSGWLGTRRRRGLVMEAPQDSEATLPGPAPGEPW EAGGPHAGPPPAFFSACPVCGLKGAAASAPGPATAHSGSPGPVAVDSPGPERPR GESPTYVNIPVSPSSRKQLHYMGLELQEASEGVRGAGASLYAQIDIMATETAHRVGV

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

RHARAREEQLSELEQRKAAPQ

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

[DOK7 docking protein 7 \[Homo sapiens \]](#)

Official Symbol

[DOK7](#)

Synonyms

DOK7; docking protein 7; C4orf25, chromosome 4 open reading frame 25; protein Dok-7; Dok 7; FLJ33718; FLJ39137; downstream of tyrosine kinase 7; CMS1B; C4orf25; FLJ90556;

Gene ID

[285489](#)

mRNA Refseq

[NM_001164673](#)

Protein Refseq

[NP_001158145](#)

MIM

[610285](#)

 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



UniProt ID

Q18PE1

 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