



Recombinant Human Protein Dok-7 (DOK7)

Product Code	CSB-EP623281HU
Abbreviation	DOK7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q18PE1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTEAALVEGQ VKLRDGKKWK SRWLVLKPS PVADCLLMLV YKDKSERIKG LRERSSLTLE DICGLEPGLP YEGLVHTLAI VCLSQAIMLG FDSHEAMCAW DARIRYALGE VHRFHVTVAP GTKLES GPAT LHL CNDVLVL ARDIPPAVTG QWKLSDLRRY GAVPSGFIFE GGTRCGYWAG VFFLSSAEGE QISFLFDCIV RGISPTKGPFLR PVLPDPS PPGPSTVEER VAQEALET LQ LEKRLSLLSH AGRPGSGGDD RSLSSSSSEA SHLDVSASSR LTAWPEQSSS SASTSQEGPR PAAAQAAGEA MVGASRPPPK PLRPRQLQEV GRQSSSDSGI ATGSHSSYSS SLSSYAGSSL DVWRATDELG SLLSLPAAGA PEPSLCTCLP GTVEYQVPTS LRAHYDTPRS LCLAPRDHSP PSQGSPGNSA ARDSGGQ TSA GCP SGWL GTR RRGLVMEAPQ GSEATLPGPA PGEPWEAGGP HAGPPPAFFS ACPVCGGLKV NPPP
Source	E.coli
Target Names	DOK7
Protein Names	Recommended name: Protein Dok-7 Alternative name(s): Downstream of tyrosine kinase 7
Expression Region	1-504
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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