

Recombinant Human SYMPK protein, His & T7-tagged

Cat. No. SYMPK-8135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYMPK aa. (Met1~Lys347 (Accession # Q92797)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys347
Description	This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	SYMPK symplekin [Homo sapiens (human)]
Official Symbol	SYMPK
Synonyms	SPK; SYM; symplekin
Gene ID	8189
mRNA Refseq	NM_004819.2

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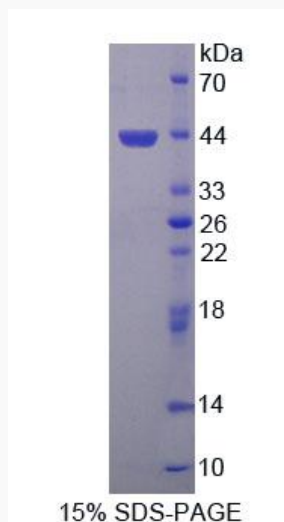
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Protein Refseq NP_004810.2

UniProt ID Q92797

SDS-PAGE



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