

Recombinant Human STK25 Protein (1-426 aa), His-SUMO-tagged

Cat. No. STK25-821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STK25 Protein (1-426 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-426 aa
Description	Oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. Targets to the Golgi apparatus where it appears to regulate protein transport events, cell adhesion, and polarity complexes important for cell migration.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	64.1 kDa
AA Sequence	MAHLRGFANQHSRVDPEELFTKLDRIGKGSFGEVYKGIDNHTKEVVAIKIIDLEEAEDEIEDIQQEITVLSQCDSPIYTRYFGSYLKSTKLWIIMEYLGGGSSALDLLKPGPLEETYIATILREILKGLDYLHSEKIHARDIKAANVLLSEQGDVKLADFGVAGQLTDTQIKRNTFVGTPFWMAPEVIKQSAYDFKADIWSLGITAIELAKGEPPNSDLHPMRVLFLIPKNSPPTLEGQHSKPFKEFVEACLNKDPFRPTAKELLKHKFITRYTKKTSFLTELIDRYKRWKSEG

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HGEESSESDSDIDGEAEDGEQGPIWTFPPTIRPSPHSLHKG TALHSSQKPAEPVKR
QPRSQCLSTLVRPVFGELKEKHKQSGGSGVGALEELENAFSLAEESCPGISDKLMVH
LVERVQRFSHNRNHLTSTR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name STK25 serine/threonine kinase 25 [Homo sapiens]

Official Symbol STK25

Synonyms STK25; SOK1; YSK1; SOK-1; DKFZp686J1430;

Gene ID 10494

mRNA Refseq NM_006374

Protein Refseq NP_006365

MIM 602255

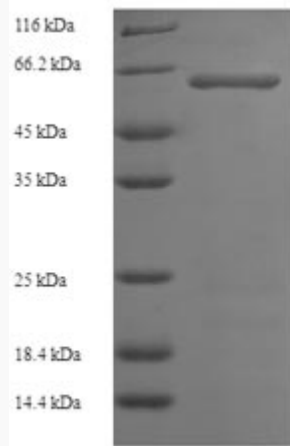
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UniProt ID

O00506



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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