

Recombinant Human KLC3 Protein (1-504 aa), His-SUMO-tagged

Cat. No. KLC3-1975H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLC3 Protein (1-504 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	1-504 aa
Description	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	71.4 kDa
AA Sequence	MSVQVAAPGSAGLGPERLSPEELVRQTRQVVQGLEALRAEHHGLAGHLAEALAGQ GPAAGLEMLEEKQQVVSHSLEAIELGLGEAQVLLALSAHVGALEAEKQRLRSQARR LAQENVWLREELEETQRRLRASEESVAQLEEEKRHLFLGQLRQYDPPAESQQSES PPRRDSLASFPEEEEEERKGPEAAGAAAAQQGGYEIPARLRTLHNLVIQYAGQGGRY EVAVPLCRQALEDLERSSSGHCHPDVATMLNIALVYRDQNKYKEATDLLHDALQIRE QTLGPEHPAVAATLNNLAVLYGKRGYREAELCQRALEIREKVLGADHPDVAKQL NNLALLCQNQGKFEDVERHYARALSIYEALGGPHDPNVAKTNNLASAYLKQNKYQ

 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

	QAEELYKEILHKEDLPAPLGAPNTGTAGDAEQALRRSSSLSKIRESIRRGSEKLVSRL RGEAAAGAAGMKRAMSLNTLNVDAPRAPGTQFPSWHLDKAPRTLSASTQDLSPH
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 reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	KLC3 kinesin light chain 3 [Homo sapiens]
Official Symbol	KLC3
Synonyms	KLC3; kinesin light chain 3; KLC2L; KLCt; KNS2B; kinesin light chain 2; KLC2;
Gene ID	147700
mRNA Refseq	NM_177417
Protein Refseq	NP_803136
MIM	601334

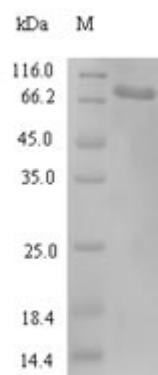
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UniProt ID

Q6P597



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

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