

Recombinant Human KIF23 protein, GST-tagged

Cat. No. KIF23-3692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF23 protein(486-683 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	486-683 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	LDINDEQTLPRLEALEKRRHNLQMMIDEFNKQSNAFKALLQEFDNAVLSKENHMQG KLNEKEKMISGQKLEIERLEKKNKTLEYKIEILEKTTTIYEEDKRNLLQQELETQNQKLQ RQFSDKRRLEARLQGMVTETTMKWEKECERRVAAKQLEMQNKLWVKDEKLKQLK AIVTEPKTEKPERPSRERDREKVTQRSV
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	KIF23 kinesin family member 23 [Homo sapiens]
Official Symbol	KIF23
Synonyms	KIF23; kinesin family member 23; kinesin like 5 (mitotic kinesin like protein 1) , KNSL5; kinesin-like protein KIF23; MKLP 1; MKLP1; kinesin-like protein 5; mitotic kinesin-like 1; mitotic kinesin-like protein 1; kinesin-like 5 (mitotic kinesin-like protein 1); CHO1; KNSL5; MKLP-1;
Gene ID	9493
mRNA Refseq	NM_004856
Protein Refseq	NP_004847
MIM	605064
UniProt ID	Q02241

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