

Recombinant Human CLASP1 protein, His-tagged

Cat. No. CLASP1-088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLASP1 protein(1-238 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-238 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MEPRMESCLAQVLQKDVGKRLQVGQELIDYFSDKQKSADLEHDQTMLDKLVDGLAT SWVNSSNYKVVLLGMDILSALVTRLQDRFKAQIGTVLPSLIDRLGDAKDSVREQDQT LLLKIMDQAANPQYVWDRMLGGFKHKNFRTREGICLCLIALTNASGAQTLTLKIVPH ICNLLGDPNSQVRDAAINSLVEIYRHVGERVRADLSKKGLPQSRLNVFTKFDEVQKS GNMIQSAND
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [CLASP1 cytoplasmic linker associated protein 1 \[Homo sapiens \]](#)

Official Symbol [CLASP1](#)

Synonyms CLASP1; cytoplasmic linker associated protein 1; CLIP-associating protein 1; KIAA0622; MAST1; multiple asters 1; protein Orbit homolog 1; multiple asters homolog 1; cytoplasmic linker-associated protein 1; FLJ33821; FLJ41222; MGC131895; DKFZp686D1968; DKFZp686H2039;

Gene ID [23332](#)

mRNA Refseq [NM_001142273](#)

Protein Refseq [NP_001135745](#)

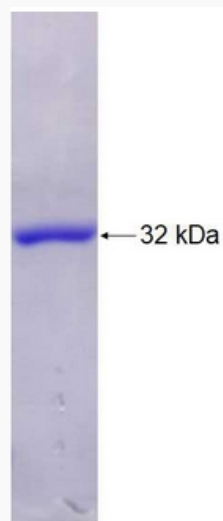
MIM [605852](#)

UniProt ID [Q7Z460](#)

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SDS-PAGE

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