

Recombinant Human NIPBL protein, His-tagged

Cat. No. NIPBL-7855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NIPBL protein(1-175 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-175 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MKCLPENSAPLIEFANVSQGILLMLLKQHLKNLCGFSDSKIQKYSPESEAKVYDKAI NRKTGVHFHFKQTLDFLRSDMANSKITEEVKRSIVKQYLDKLLMEHLDPDEEEEEEG EVSASTNARNKAITSLLGGGSPKNNTAAETEDDES DGEDRGGGTSGVRRRRRSQRIS QRIT
Purity	80%, 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 NIPBL Nipped-B homolog (Drosophila) [Homo sapiens]

Official Symbol NIPBL

Synonyms NIPBL; Nipped-B homolog (Drosophila); nipped-B-like protein; DKFZp434L1319; FLJ11203; FLJ12597; FLJ13354; FLJ13648; IDN3; Scc2; sister chromatid cohesion 2 homolog (yeast); delangin; SCC2 homolog; sister chromatid cohesion 2 homolog; CDLS; CDLS1; IDN3-B; FLJ44854;

Gene ID 25836

mRNA Refseq NM_015384

Protein Refseq NP_056199

MIM 608667

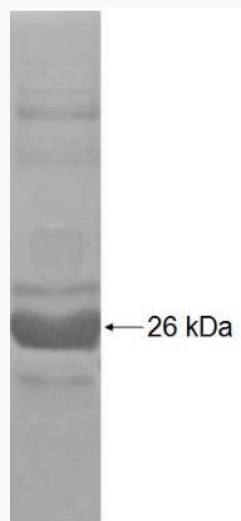
UniProt ID Q6KC79

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SDS-PAGE



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