

Recombinant Human DNAI2 protein, His-tagged

Cat. No. DNAI2-12053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAI2 protein(239-593 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	239-593 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.
AASequence	GQIACWDTRKGS LVAELSTIESSHRDPVYG TIWLQSKTGTECF SASTDGQVMWWDI RKMSEPT E VVILDITKKEQL ENALGAISLEFESTLPTKFMVGT EQGIVISCNRKAKTSA EKIVCTFP GHHGPIYALQRNPFY PKNFLT VGDWTARIWSEDSRESSIMWTKYH MAYL TDAAWSPVRPTVFF TTRMDGTLDI WDFMFEQCDPTLS LKDNGLIACGSQ L G T T T L L EVSPGLSTLQRNEKNVASSMFERETRREKILEARHREMLRKEKGKAEGRDEEQTDE ELAVDLEALVSKAE E E F F D I I F T E L K K K E A D A I K L T P V P Q Q P S P E E D Q V V E E G E E A A G E E G D E E V E E D L A
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

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repeat freeze-thaw cycles.

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 [DNAI2 dynein, axonemal, intermediate chain 2 \[Homo sapiens \]](#)

Official Symbol [DNAI2](#)

Synonyms

DNAI2; dynein, axonemal, intermediate chain 2; dynein, axonemal, intermediate polypeptide 2; dynein intermediate chain 2, axonemal; CILD9; dynein intermediate chain 2;

Gene ID [64446](#)

mRNA Refseq [NM_001172810](#)

Protein Refseq [NP_001166281](#)

MIM [605483](#)

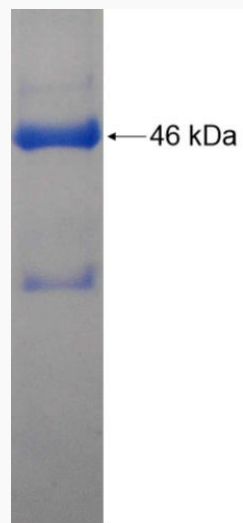
UniProt ID [Q9GZS0](#)

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SDS-PAGE

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