

Recombinant Human DND1 protein, His-tagged

Cat. No. DND1-7887H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DND1 protein(1-353 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-353 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	MQSKRDCELCERVNPENKAALAEAWVRETGIRLVQVNGQRKYGGPPPGWVGSP PAGSEVFIGRLPQDVYEHQLIPLFQRVGRLYEFRLMMTFSGLNRGFAYARYSSRRG AQAAIATLHNHPLRPSCPLLVCIRSTEKCELSVDGLPPNLTRSALLLALQPLGPGQLQEA RLLPSPGPAPGQIALLKFS SHRAAAMAKKALVEGQSHLCGEQVAVEWLKPD LKQRL RQQLVGPFLRSPQPEGSQ LALARDKLGFQGARATLQLLCQRMKLGSPVFLT KCLGI GPAGWHRFWYQVVIPGHPVPFSGLIWVVLTL DGRDGHEVAKDAVSVRLLQALSES GANLLWSAGAEAGTMVKQ
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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid 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 DND1 dead end homolog 1 (zebrafish) [Homo sapiens]

Official Symbol DND1

Synonyms DND1; dead end homolog 1 (zebrafish); dead end protein homolog 1; MGC34750; RBMS4; RNA-binding motif, single-stranded-interacting protein 4;

Gene ID 373863

mRNA Refseq NM_194249

Protein Refseq NP_919225

MIM 609385

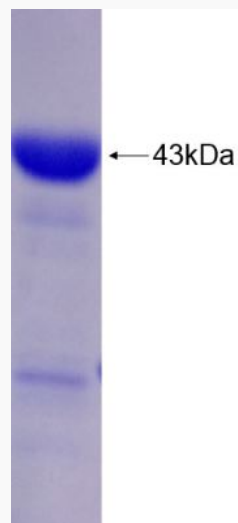
UniProt ID Q8IYX4

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SDS-PAGE

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