

Recombinant Human DNAI2 Protein, GST-tagged

Cat. No. DNAI2-2724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAI2 full-length ORF (AAH39582, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the dynein intermediate chain family, and is part of the dynein complex of respiratory cilia and sperm flagella. Mutations in this gene are associated with primary ciliary dyskinesia type 9. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Mar 2010]
Molecular Mass	90.97 kDa
AA Sequence	MEIVYVYVKKRSEFGKQCNFSDRQAELNIDIMPNPELAEQFVERNVPVDTGIQCSISM SEHEANSERFEMETRGRVNHVEGGWPKDVNPLELEQTIRFRKKVEKDENVVNAIMQL GSIMEHCIAKQNNADIYEEYFNDEEAMEVMEEDPSAKTINVFRDPQEIKRAATHLSWH PDGNRKLAVAYSCLDFQRAPVGMSSDSYIWDLENPNKPELALKPSSPLVTLEFNPK DSHVLLGGCYNGQIACWDTRKGSLSVAELSTIESSHRDPVYGTIWLQSKTGTECFSSAS TDGQVMWWDIRKMSEPTVEVILDITKKEQLENALGAISLEFESTLPTKFMVGTEQGIV ISCNRKAKTSAEKIVCTFPGHHGPIYALQRNPFYPKNFLTVDWTARIWSEDSRESSI MWTKYHMAYLTDAWSPVRPTVFFTTRMDGTLDIWDFFMEQCDPTLSLKDNGCLIA CGSQLGTTTLLEVSPGLSTLQRNEKNVASSMFERETRREKILEARHREMRLKEKGK

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AEGRDEEQTDEELAVDLEALVSKAEEEEFFDIIFTELKKKEADAIKLTVPVQQPSPEED
QVVEEGEEAAGEEGDEEEVEDLA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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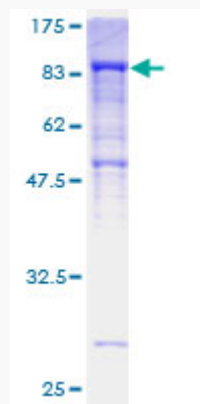
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UniProt ID

Q9GZS0

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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