

Recombinant Human DNAAF3 Protein, GST-tagged

Cat. No. DNAAF3-2721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAAF3 full-length ORF (AAH16843.1, 1 a.a. - 541 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is required for the assembly of axonemal inner and outer dynein arms and plays a role in assembling dynein complexes for transport into cilia. Defects in this gene are a cause of primary ciliary dyskinesia type 2 (CILD2). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]
Molecular Mass	85.8 kDa
AA Sequence	MTPAGSGSGFGSVSWWGLSPALDLQAESPPVDPDSQADTVHSNPELDVLGSGV DGRHLLRTLRAKFWPRRRFNFFVLENNLEAVARHMLIFSLALEEPEKMGLQERSET FLEVWGNALLRPPVAAFVRAQADLLAHLVPEPDRLEEQLPWLSLRALKFRERDALEA VFRFWAGGEKGPQAFPM SRLWDSRLRHYLGSRVDARRGVSDWDLRMKLHDRGA QVIHPQEFRRWRDTGVAFELRDSSAYHVPNRTLASGRLLSYRGERVAARGYWGDI ATGPFVAFGIEADDESLLRTSNGQPVKTAGETQHNVTELLRDVAAWGRARATGGD LEEQQHAEGSPEPGTPAAPTPESTVHFLPLNSAQTLHHKSCYNGRFQLLYVACGM VHLLIPELGACVAPGGNLIVELARYLV DVRQEQLQGFNTRVRELAQAAGFAPQTGAR PSETFARFCKSQESALGNTVPAVEPGTPPLDILAQPLEASNPALGLTQPLQGGTPH

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CEPCQLPSESPGSLSEVLAQPQGALAPPNCESDSKTGV

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

[DNAAF3 dynein axonemal assembly factor 3 \[Homo sapiens \(human\) \]](#)

Official Symbol

[DNAAF3](#)

Synonyms

DNAAF3; dynein axonemal assembly factor 3; Dynein Axonemal Assembly Factor 3; C19orf51; Chromosome 19 Open Reading Frame 51; Dynein, Axonemal, Assembly Factor 3; Dynein (Axonemal) Assembly Factor 3; Dynein Assembly Factor 3, Axonemal; Ciliary Dyskinesia, Primary 2; UPF0470 Protein C19orf51; CILD2; DAB1; PF22; PCD; dynein assembly factor 3, axonemal; UPF0470 protein C19orf51

Gene ID

[352909](#)

mRNA Refseq

[NM_001256714](#)

Protein Refseq

[NP_001243643](#)

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MIM	614566
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UniProt ID	Q8N9W5
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