

Recombinant Full Length Human DNAAF3 Protein, GST-tagged

Cat. No. DNAAF3-4046HF **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	In Vitro Cell Free System
ProteinLength	541 amino acids
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	MTPAGSGSGFGSVSWWGLSPALDLQAESPVPDPDSQADTVHSNPELDVLGLGSV DGRHLLRTLSTRAKFWPRRRFNFFVLENNLEAVARHMLIFSLALEEPEKMGQLQERSET FLEVWGNALLRPPVAAFVRAQADLLAHLVPEPDRLEEQLPWLSLRALKFRERDALEA VFRFWAGGEKGPQAFPM SRLWDSRLRH YLGSRYDARRGVSDWDLRMKLHDRGA QVIHPQEFRRWRDTGVAFELRDSSAYHVPNRTLASGRLLSYRGERVAARGYWGDI ATGPFVAFGIEADDESLLRTSNGQPVKTAG EITQHNVT ELLRDVA AWGRARATGGD LEEQQHAEGSPEPGTPAAPTPE SFTVHFLPLNSAQTLHHKSCYNGRFQLLYVACGM VHLLIPELGACVAPGGNLIVELARYLV DVRQEQLQGFNTRVRELAQAAGFAPQTGAR

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	PSETFARFCKSQESALGNTVPAVEPGTPPLDILAQPLEASNPALGLELTQPLQGGTPH 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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