DNAAF2 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	DNAAF2, Lysate
Full Product Name	Human DNAAF2 Protein Lysate
Product Gene Name	DNAAF2 lysate
Product Synonym Names	DNAAF2; C14orf104; CILD10; KTU; PF13
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	91kDa
OMIM	gene 612518
3D Structure	ModBase 3D Structure for Q9NVR5
Related Product Information for DNAAF2 lysate	Human DNAAF2 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of DNAAF2 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DNAAF2 purchase	MBS8410595 is a lysate targeting DNAAF2. Also known as Human DNAAF2 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNAAF2. It may not necessarily be applicable to this product.

NCBI GI #	145580588
NCBI GeneID	55172
NCBI Accession #	NP_060609
UniProt Primary Accession #	Q9NVR5
UniProt Related Accession #	Q9NVR5
GenBank Nucleotide #	NM_018139
NCBI Official Full Name	protein kintoun isoform 1
NCBI Official Synonym Full Names	dynein axonemal assembly factor 2
NCBI Official Symbol	DNAAF2
NCBI Official Synonym Symbols	KTU; PF13; CILD10; C14orf104
UniProt Protein Name	Protein kintoun
UniProt Synonym Protein Names	Dynein assembly factor 2, axonemal

UniProt Gene Name	DNAAF2
UniProt Synonym Gene Names	C14orf104; KTU
UniProt Entry Name	KTU_HUMAN
NCBI Protein Information	protein kintoun
NCBI Summary for DNAAF2	This gene encodes a highly conserved protein involved in the preassembly of dynein arm complexes which power cilia. These complexes are found in some cilia and are assembled in the cytoplasm prior to transport for cilia formation. Mutations in this gene have been associated with primary ciliary dyskinesia. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]
Research Articles on DNAAF2	**1.** Ktu/PF13 is one of the long-sought proteins involved in pre-assembly of dynein arm complexes in the cytoplasm before intraflagellar transport loads them for the ciliary compartment.
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