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Datasheet for ABIN7561889

DNAI2 Protein (AA 1-623) (His tag)

Overview

Quantity:	1 mg
Target:	DNAI2
Protein Characteristics:	AA 1-623
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAI2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dnai2 Protein expressed in mammalien cells.
Sequence:	MEIVYVYLKK RSEFGKQCNF SDRQAELNID ILPNPELAAL YVERNPDVTG IQCSASMSEH EANTERFEME SCGVNHVEGG WPKDVNPQEL EQTIRFRKKV EKDENYINAV MQLGSIMEHC IKQNNAIIDY EEFYFDDEEAV EVTEEAPSAK TINVFRDPQE IKRTATHLSW HPDGNRKLAV AYSCLKFQRA PMSMNYDSYI WDLNPNRPE IALKPLSPLV TLEYNPKDSH VLLGGCYNGQ IACWDTRKGS LVAELSTIEF SHRDPVYGTI WLQSKTGTEC FSASTDGQVM WWDIRKISEP IEVIMDISR KEQLENALGA ISLEFESTLP TKFMVGTEQG IVISCNRKAK TQAEKIVCTF YGHHGPIYAL QRNPFYPKNF LTVGDWTARI WSEDSRESSI MWTKYHMAYL SDGAWSPVRP AVFFTTKMDG TLDIWDLVFK QCDPALSLKV CDDPLFCLRV QDNGCLIACG SELGTTTTLE VSSSLSTLQR NEKNIASSIF ERETREKIL EARHREMLK EKGKVEGKED DQKEEEAALD LDELVGKAE EFFEVI FSEL KRKEAEALKK KPKPRKSSV KVEAEVEVEE NVGEEEEAGG IIGIDAVEDM SEEAGEEQED VPT Sequence without tag. The proposed Purification-Tag is

Product Details

based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

DNAI2

Alternative Name:

Dnai2 ([DNAI2 Products](#))

Background:

Dynein axonemal intermediate chain 2 (Axonemal dynein intermediate chain 2),FUNCTION: Part of the dynein complex of respiratory cilia. {ECO:0000250}.

Molecular Weight:

71.0 kDa

UniProt:

[A2AC93](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months