

Datasheet for ABIN7553684
DENND4B Protein (AA 1-1496) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	DENND4B
Protein Characteristics:	AA 1-1496
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENND4B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DENND4B Protein expressed in mammalian cells.
Sequence:	MAEERPPRLV DYFVVAGLAG NGAPIEETW VPEPSGPLRP PRPAEPITDV AVIARALGEE VPQGYTCIQA SAGGHPLELS AGLLGQTQPV ICYRRGRDKP PLVELGVLYE GKERPKPGFQ VLDTTPYSHS ANLAPPGPGH PRTYLYRRA AEGAGLHALG ITDLCLVLPS KEGTPTHYTC RLPRNLNPGM WGPAVYLCYK VGLAKANTLV YEAELGGRYP EEDNEAFPLP ESPVPFCLPM GATIECWPAQ TKYPVPVFST FVLTGAAGDK VYGAALQFYE AFPRARLSER QARALGLLSA VERGRALGGR AVRSRRAIAV LSRWPAFPAP RAFLTFLYRY SVSGPHRLPL EAHISHFIHN VFPSPQRPR ILVQMSPYDN LLLCQPVSSP LPLSGASFLQ LLQSLGPELA ITLLLAVLTE HKLLVHSLRP DLLTSVCEAL VSMIFPLHWQ CPYIPLCPLV LADVLSAPVP FIVGIHSSYF DLHDPPADVI CVDLDTNTLF QTEEKLLSP RTLPRRPYKV LLATLTNLYQ QLDQTYTGPE EEASLEFLT DYEA VCGRRA RLEREVQGAF LRFMACLLKG YRVFLRPLTQ APSEGARDVD NLFFLQGFLK SRERSSHKLY SQLLHTQMFS QFIECSFGS ARHAALEFFD SCVEKVHPEQ EKPEPTPLVE LEELSGSELT VFITPPEEPA LPEGSESTPQ YCYDGFPELR AELFESLQEQ

PGALPVPGPS RSAPSSPAPR RTKQEMKVAQ RMAQKSAAVP ELWARCLLGH CYGLWFLCLP
AYVRSAPSRV QALHTAYHVL RQMESGKVV L PDEV CYRVLM QLC SHYGPV LSVRVMLEMR
QAGIVPNTIT YGYYNKAVLE SKWPSGTPGG RLRWAKLRNV VLGAAQFRQP LRERQQQQQQ
QQQQQQQQQ EQVSAHQEAG SSQAEPYLER PSPTRPLQRQ TTWAGRSLRD PASPPGRLVK
SGSLGSARGA QPTVEAGVAH MIEALGVLEP RGSPVPWHDG SLSDSLSTGE EPLPGGSPGG
SGSALSAQST EALEGLSGRG PKAGGRQDEA GTPRRGLGAR LQQLLTPSRH SPASRIPPPE
LPPDLPPPAR RSPMDSLLHP RERPGSTASE SSASLGSEWD LSESSLNLS LRRSSERLSD
TPGSFQSPSL EILLSSCSLC RACDSL VYDE EIMAGWAPDD SNLNTT C PFC ACPFVPLLSV
QTLDSRPSVP SPKSAGASGS KDAPVPGGPG PVLSDRRLCL ALDEPQLCNG HMGGASRRVE
SGAWAYLSPL VLRKEESLV ENEGSEVLAL PELPSAHP II FWNLLWYFQR LRLPSILPGL
VLASCDG PSH SQAPSPWLTP DPASVQVRL L WDVLTDPNS CPPLYVLWRV HSQIPQRVWV
PGVPASLSL ALLESVLRHV GLNEVHKAVG L LLET LGPPP TGLHLQRGIY REILFLTMAA
LGKDHVDIVA FDKKYKSAFN KLASMGMKEE LRHRAQMPT PKAIDCRKCF GAPPEC **Sequence
without tag. The proposed Purification-Tag is 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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	DENND4B
Alternative Name:	DENND4B (DENND4B Products)
Background:	DENN domain-containing protein 4B,FUNCTION: Guanine nucleotide exchange factor (GEF) which may activate RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. {ECO:0000269 PubMed:20937701}.
Molecular Weight:	163.8 kDa
UniProt:	O75064

Application Details

Application Notes:	We expect the protein to work for functional studies. 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