

Datasheet for ABIN7563601
DRP2 Protein (AA 1-957) (His tag)



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Overview

Quantity:	1 mg
Target:	DRP2
Protein Characteristics:	AA 1-957
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DRP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Drp2 Protein expressed in mammalian cells.
Sequence:	<p>MQPLVMQGCP YTLPRCHEWH AADRHHSSS LRNTCPQPQV RAAVTIPAPP WDGAGDPCLS</p> <p>PKLLNGTVGA TGPLEPSAMN LCWNEIKKKS HNLRARLEAF SDLSGKLQLP LREIIDWLSQ</p> <p>KDELSAQLP LQGDVALVQQ EKETHAAFME EVKSKGPYIS SVLESAQAFV SQHPFEELEE</p> <p>SQSESKDTSP RQRIQNLSRF VWKQATVASE LWEKLTARCV DQHRHIEHTL EHLLEIQGAM</p> <p>EELSSTLTQA EGVRATWEPI GDLFIDSLPE HIQAIKLFKE EFSPVKDGVK LVNDLAHQLA</p> <p>ISDVHLSMEN SRALEQINIR WKQLQVSVAE RLKQLQDAHR DFGPGSQHFL STSVQVPWER</p> <p>AISPNKVPYY INHQAQTTWC DHPKMTLYQ TLADLNNIKF SAYRTAMKLR RVQKALRLDL</p> <p>VTLTTALEIF NEHDLQASEH VMDVVEVIHC LTALYERLEE ERGILVNVPL CVDMSLNWLL</p> <p>NVFDSEGRSGK MRALSFKTGI ACLCGTEVKE KLQYLFQVA NSGSQCDQHR LGALLHEAIQ</p> <p>VPRQLGEVAA FGGSNVEPSV RSCFRFSTGK PVIEASQFLE WVNLEPQSMV WLAVLHRVTI</p> <p>AEQVKHQTKC SICRQCPIKG FRYRSLKQFN VDICQTCFLT GRASKGNKLH YPIMEYYTPT</p> <p>TSSNMRFDA TTLKNKFRSK QYFSKHPQRG YLPVQSVLES DCSETPASSP MLPHADTHSR</p>

Product Details

IEHFASRLAE MESQNCSFFN DSLSPDDSID EDQYLLRHSS PITDREPAFG QQAPCSMATE
SKGELEKILA HLEDENRILQ GELRRLKWQH EAAAEAPTLV EGSAEATPDH RNEELLAEAR
ILRQHKSRL ETRMQILEDHN KQLESQQLRL RELLQPPSE SDGNGSAGSS LASSPRQSEG
SHPREKGQTT PDTEVADDVG SKSQDVSLCL EDIMEKLRHA FPSVRSSDVT ANTLLAS **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: DRP2

Alternative Name: Drp2 ([DRP2 Products](#))

Background: Dystrophin-related protein 2 (DRP-2),FUNCTION: Required for normal myelination and for normal organization of the cytoplasm and the formation of Cajal bands in myelinating Schwann cells (PubMed:22764250). Required for normal PRX location at appositions between the abaxonal surface of the myelin sheath and the Schwann cell plasma membrane

Target Details

(PubMed:22764250). Possibly involved in membrane-cytoskeleton interactions of the central nervous system. {ECO:0000250, ECO:0000269|PubMed:22764250}.

Molecular Weight: 108.1 kDa

UniProt: [Q05AA6](#)

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