

Datasheet for ABIN7551046

PROX2 Protein (AA 1-592) (His tag)



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Overview

Quantity:	1 mg
Target:	PROX2
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROX2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PROX2 Protein expressed in mammalian cells.
Sequence:	MDPNSILLSP QPQICSHLAE ACTEGERSSS PPELDRDSPF PWSQVPSSSP TDPEWFGDEH IQAKRARVET IVRGMCLSPN PLVPGNAQAG VSPRCPPKAR ERKRKQNLPT PQGLLMPAPA WDQGNRKGGP RVREQLHLLK QQLRHLQEHI LQAAKPRDTA QGPGGCGTGK GPLSAKQGNG CGPRPWVVDG DHQQGTSKDL SGAEKHQESE KPSFLPSGAP ASLEILRKEL TRAVSQAVDS VLQKVLLDPP GHLTQLGRSF QGQVAEGRSE PSPPVGGACK DPLALAALPR RVQLQAGVPV GNLSLAKRLD SPRYPIPPRM TPKPCQDPPA NFPLTAPSHI QENQILSQLL GHRYNNGHWS SSPPQDSSSQ RHPSSSEPALR PWRTTKPQPL VLSQQQCPLP FTSAHLESPL LLPSVKMEQR GLHAVMEALP FSLLHIQEGL NPGHLKKAKL MFFFTRYPS NLLKVYFPDV QFNRCITSQM IKWFSNFRF YYIQMEKSAR QAISDGV TNP KMLVVLRNSE LFQALNMHYN KGNDFEVPDC FLEIASLTLQ EFFRAVSAGR DSDPSWKKPI YKIISKLDSD IPEIFKSSSY PQ 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

Product Details

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:	PROX2
Alternative Name:	PROX2 (PROX2 Products)
Background:	Prospero homeobox protein 2 (Homeobox prospero-like protein PROX2) (PROX-2),FUNCTION: Transcription regulator. Does not seem to be essential for embryonic development and postnatal survival (By similarity). {ECO:0000250}.
Molecular Weight:	65.6 kDa
UniProt:	Q3B8N5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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