

Datasheet for ABIN7562251

OTP Protein (AA 1-325) (His tag)



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Overview

Quantity:	1 mg
Target:	OTP
Protein Characteristics:	AA 1-325
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OTP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Otp Protein expressed in mammalian cells.
Sequence:	MLSHADLLDA RLG MKDAAEL LGHREAVKCR LGVGGSDPGG HPGDLAPNSD PVEGATLLPG EDITTVGSTP ASLAVSAKDP DKQPGPQGGP NPSQAGQQQG QKQKRHRTR FTPAQLNELE RSFAKTHYPD IFMREELALR IGLTESRVQV WFQNRRAKWK KRKKTNNVFR APGTLLPTPG LPQFPSAAAA AAAAMGDSLC SFHANDTRWA AAAMPGVSQL PLPPALGRQQ AMAQSLSQCS LAAGPPPNM GLSNSLAGSN GAGLQSHLYQ PAFPGMVPAS LPGPSNVSGS PQLCSPDSS DVWRGTSIAS LRRKALEHTV SMSFT 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:

Product Details

- 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:	OTP
Alternative Name:	Otp (OTP Products)
Background:	Homeobox protein orthopedia,FUNCTION: Involved in the specification of hypothalamic neuroendocrine cells. Specifically required for the specification of diencephalic dopaminergic neurons of the A11 group. {ECO:0000269 PubMed:10557207, ECO:0000269 PubMed:11071765, ECO:0000269 PubMed:17481897, ECO:0000269 PubMed:7913821}.
Molecular Weight:	34.2 kDa
UniProt:	O09113

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