

Datasheet for ABIN7548236

HAND1 Protein (AA 1-215) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HAND1
Protein Characteristics:	AA 1-215
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAND1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HAND1 Protein expressed in mammalian cells.
Sequence:	<p>MNLVGSYAAH HHHHHHPAH PMLHEPFLFG PASRCHQERP YFQSWLLSPA DAAPDFPAGG</p> <p>PPPA AAAAAT AYGP DARPGQ SPGRLEALGG RLGRRKSGSP KKERRRTESI NSAF AELREC</p> <p>IPNV PADTKL SKIKTLRLAT SYIAYLMDVL AKDAQSGDPE AFKAELKKAD GGRESKRKRE</p> <p>LQQHEGFPPA LGPVEKRIKG RTGWPQQVWA LELNQ 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.</p>
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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	HAND1
Alternative Name:	HAND1 (HAND1 Products)
Background:	Heart- and neural crest derivatives-expressed protein 1 (Class A basic helix-loop-helix protein 27) (bHLHa27) (Extraembryonic tissues, heart, autonomic nervous system and neural crest derivatives-expressed protein 1) (eHAND),FUNCTION: Transcription factor that plays an essential role in both trophoblast giant cell differentiation and in cardiac morphogenesis (By similarity). Binds the DNA sequence 5'-NRTCTG-3' (non-canonical E-box) (By similarity). Acts as a transcriptional repressor of SOX15 (By similarity). In the adult, could be required for ongoing expression of cardiac-specific genes (PubMed:9931445). {ECO:0000250 UniProtKB:Q64279, ECO:0000269 PubMed:9931445}.
Molecular Weight:	23.6 kDa
UniProt:	O96004
Pathways:	Tube Formation

Application Details

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

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