

Datasheet for ABIN7548402 IER2 Protein (AA 1-223) (His tag)



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Overview

Quantity:	1 mg
Target:	IER2
Protein Characteristics:	AA 1-223
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IER2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IER2 Protein expressed in mammalian cells.
Sequence:	MEVQKEAQRI MTLVWVKMYH SRMQRGGLRL HRSLQLSLVM RSARELYLSA KVEALEPEVS LPAALPSDPR LHPPREAEST AETATPDGEH PFPEPMDTQE APTAEETSAC CAPRPAKVSR KRRSSSLSDG GDAGLVPSKK ARLEEKEEEE GASSEVADRL QPPPAQAEGA FPNLARVLQR RFSGLLNCSP AAPPTAPPAC EAKPACRPAD SMLNVLVRV VAF 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: <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:	IER2
Alternative Name:	IER2 (IER2 Products)
Background:	Immediate early response gene 2 protein (Protein ETR101),FUNCTION: DNA-binding protein that seems to act as a transcription factor (PubMed:19584537). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (By similarity). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (PubMed:22120713). {ECO:0000250 UniProtKB:B7SXM5, ECO:0000250 UniProtKB:Q6P7D3, ECO:0000269 PubMed:19584537, ECO:0000269 PubMed:22120713}.
Molecular Weight:	24.2 kDa
UniProt:	Q9BTL4

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.
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Application Details

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