

Datasheet for ABIN7563375
UROS Protein (AA 1-265) (His tag)



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Overview

Quantity:	1 mg
Target:	UROS
Protein Characteristics:	AA 1-265
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UROS protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Uros Protein expressed in mammalian cells.
Sequence:	MKVLLLLKDAK EDDSGLDPIYI QELRLCGLEA TLIPVLSFEF MSLPSLSEKL SHPEGFGGLI FTSPRAVEAV KLCLEKDNKT EAWEKSLKDR WNAKSVYVVG SATASLVNKI GLDAEGAGSG NAEKLAEYIC SKPSSSELPLL FPCGTIKGDT LPKMLKDKGI PMESMHVYQT VPHPGIQGSL KSYIEDQGIP ASITFFSPSG LKYSLEYIQA LSGSSFDQIK FIAIGPSTTR AMAAKGLPVS CTAESPTPQA LAAGIRNVLK PNHCC 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:	UROS
Alternative Name:	Uros (UROS Products)
Background:	Uroporphyrinogen-III synthase (UROIII) (UROS) (EC 4.2.1.75) (Hydroxymethylbilane hydrolyase [cyclizing]) (Uroporphyrinogen-III cosynthase),FUNCTION: Catalyzes cyclization of the linear tetrapyrrole, hydroxymethylbilane, to the macrocyclic uroporphyrinogen III, the branch point for the various sub-pathways leading to the wide diversity of porphyrins. Porphyrins act as cofactors for a multitude of enzymes that perform a variety of processes within the cell such as methionine synthesis (vitamin B12) or oxygen transport (heme) (By similarity). {ECO:0000250}.
Molecular Weight:	28.5 kDa
UniProt:	P51163

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