

Datasheet for ABIN7562199

ONECUT1 Protein (AA 1-465) (His tag)



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Overview

Quantity:	1 mg
Target:	ONECUT1
Protein Characteristics:	AA 1-465
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ONECUT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Onecut1 Protein expressed in mammalian cells.
Sequence:	<p>MNAQLTMEAI GELHGVSHVPAPADLLGG SPHARSSVGH RGSHPAHP RSMGMASLLD</p> <p>GGSGGSDYHH HHRAPHSGLA GPLHPTMTMA CETPPGMSMP TTYTTLTPLQ PLPISTVSD</p> <p>KFPHHHHHHH HHHHPHHHQR LAGNVSGSFT LMRDERGLAS MNNLYTPYHK DVAGMGQSLS</p> <p>PLSGSGLGSI HNSQQGLPHY AHPGAAMPTD KMLTPNGFEA HHPAMLGRHG EQHLTPTSAG</p> <p>MVPINGLPPH HPHAHLNAQG HGQLLTARE PNPSVTGAQV SNGSNSGQME EINTKEVAQR</p> <p>ITTELKRYSI PQAIFAQRVL CRSQGTLSL LRNPKPWSKL KSGRETFRRM WKWLQEPEFQ</p> <p>RMSALRLAAC KRKEQEHGKD RGNTPKKPRL VFTDVQRRRL HAIFKENKRP SKELQITISQ</p> <p>QLGLELSTVS NFFMNARRRS LDKWQDEGGS NSGSSSSSSS TCTKA 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>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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).
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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, Western Blot
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Grade:	custom-made
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Target Details

Target:	ONECUT1
Alternative Name:	Onecut1 (ONECUT1 Products)
Background:	Hepatocyte nuclear factor 6 (HNF-6) (One cut domain family member 1) (One cut homeobox 1),FUNCTION: Transcriptional activator. Binds the consensus sequence 5'-DHWATTGAYTWWD-3' on a variety of gene promoters such as those of HNF3B and TTR. Important for liver genes transcription. Stimulates the expression of Onecut3 in the developing endoderm. {ECO:0000269 PubMed:15381696}.
Molecular Weight:	51.0 kDa
UniProt:	O08755

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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