

Datasheet for ABIN7558882
UTP25/DIEXF Protein (AA 1-772) (His tag)



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Overview

Quantity:	1 mg
Target:	UTP25/DIEXF (DIEXF)
Protein Characteristics:	AA 1-772
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UTP25/DIEXF protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Utp25 Protein expressed in mammalian cells.
Sequence:	<p>MGKRRNRGRS QMLSTMTKKQ KKHLRDFGEE HPFYDRVSKK EAKPQICQLP ESSDSSHSES</p> <p>ESESEQEHVS GYHRLATLK NVSEEEEEEE EEEEEEEEE EEEEEEEEDD SAVGDAEMNE</p> <p>EAGSEDSVG EAAVSEAAEE AAETQEHMSL ADNSKEKDGE EPPGVSQKSS EEFTDVKHES</p> <p>LFSLETNFLE EDSGGSCSQR PSQDPFQQHV NKELKEKEIQ AAASSPPATQ QLKWPVLGHL</p> <p>VFSSKFQKTE TFKPPKIDIL KLLHLQKPLE STWAKTNSQF LSGPQKSNSS FTPLQKELFL</p> <p>IMNSYRDLFY PERTALKNGE EVRHVYCLHA INHVLKANAQ VLANNRRRRS QKLGVGEDDD</p> <p>FRDQGLTRPK VLIVVPFREA ALRVVQLFIS LLEGDSKKKI IVSNKKRFQG EYGSDPEERP</p> <p>PNLKRPEEYE AVFVGNIDDH FRIGVAILQR SIRLYAPFYS SDILIASPLG LRTIIGGE</p> <p>KKRDFDFLSS VELLIIDQAD IYLMQNWEHV LHLNMHMLL PLDSHGVDFS RVRMWSLNNW</p> <p>SKYYRQTLLF GALQDAQINS VFNKHCAINAQ GQVAVRNVPM TGSISHVLVQ LPHVFQRMEA</p> <p>QDLSSVIDAR FHFFINKILP QYRDAVMSHT LIYVPSYFDF VRLRNYFKKE ELNFTHICEY</p>

TQKSGISRAR HFFLQGEKQF LLLTERFHFY KRYTIKGIRN LIFYELPTYP HFYSEVCNML
RATSRGEEAT WTCTVLYSKY DAQRLAAVVG VERAAQMLQS PKNVHLFVTG EK **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.

Characteristics:	<p>Key Benefits:</p> <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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	UTP25/DIEXF (DIEXF)
Alternative Name:	Utp25 (DIEXF Products)
Background:	U3 small nucleolar RNA-associated protein 25 homolog (Digestive organ expansion factor homolog) (UTP25 small subunit processor component),FUNCTION: Component of the ribosomal small subunit processome for the biogenesis of ribosomes, functions in pre-ribosomal RNA (pre-rRNA) processing (By similarity). Essential for embryonic development in part through the regulation of p53 pathway. Controls the expansion growth of digestive organs and liver (PubMed:29262616, PubMed:32303961). Also involved in the sympathetic neuronal development (By similarity). Mediates, with CAPN3, the proteasome-independent degradation of p53/TP53 (By similarity). {ECO:0000250 UniProtKB:Q68CQ4,

Target Details

	ECO:0000250 UniProtKB:Q6PEH4, ECO:0000269 PubMed:29262616, ECO:0000269 PubMed:32303961}.
Molecular Weight:	88.8 kDa
UniProt:	Q8BTT6

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.
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