

Datasheet for ABIN7547074  
**UTP25/DIEXF Protein (AA 1-756) (His tag)**



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## Overview

Quantity:	1 mg
Target:	UTP25/DIEXF (DIEXF)
Protein Characteristics:	AA 1-756
Origin:	Human
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>MGKRGSRQS QLLNLT LKKQ KKHLRDFGEE HPFYDRVSRK EAKPQICQLS ESSDSSDSES DSESEPQVS GYHRLATLK NVSEEEEEDE EEEEEEDSIV DDAEMNDEDG GSDVSVEEEM AAESTESPEN VALSADPEGK EDGEPPGTS QTSPEEFTDA KHESLFSLET NFLEEEESGDN SSLKASQDPF LQHVNKELKE KAIQAVATNP KTTHELKWPI LGQLFFSSKF QKLETFKPPK DIDLKSLHLQ KPLESTWTKT NSQFLSGPQK SSSPFTPLQK ELFLIMNSYR DLFYPERTAL KNGEEIRHVY CLHVINHILK ANAQVLGNNS RRRSQKFGVG DDDDFRDQGL TRPKVLIVVP FREAALRVVQ LFISLLEGDS KKKIIVSNKK RFQGEYGSDP EERPPNLKRP EDYEAVFVGN IDDHFRIGVA ILQRSIRLYA PFYSSDILIA SPLGLRTIIG GEKEKKRDFD FLSSIELLII DQADIYLMQN WEHVLHLMNH MNLLPLDSHG VDFSRVRMWS LNNWSKYRQ TLLFGALQDA QINSVFNKYC VNMQQQVAVR NVPMTGSISH VLVQLPHVFQ RMEAENLASV IDARFNFFVN KILPQYRDAV MSHTLIYIPS YDFVRLRNY FKKEELNFTH ICEYTKSGV SRARHFFLQG EKQFLLFTEK</p>

## Product Details

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FHFYKRYTIK GIRNLIFYEL PTYPHFYSEI CNMLRATNRG EEATWTCTVL YSKYDAQRLA  
AVVGVERAAQ MLQSNKNVHL FITGEK **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.**

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### Characteristics:

#### Key Benefits:

- 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).

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.

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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

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### Target:

UTP25/DIEXF (DIEXF)

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### Alternative Name:

UTP25 ([DIEXF Products](#))

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### 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:25007945, PubMed:27657329, PubMed:23357851). Also involved in the sympathetic neuronal development (By similarity). Mediates, with CAPN3, the proteasome-independent degradation of p53/TP53 (PubMed:23357851, PubMed:27657329).  
{ECO:0000250|UniProtKB:Q6PEH4, ECO:0000269|PubMed:23357851,

## Target Details

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ECO:0000269|PubMed:25007945, ECO:0000269|PubMed:27657329}.

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Molecular Weight: 87.1 kDa

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UniProt: [Q68CQ4](#)

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## Application Details

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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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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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