

Datasheet for ABIN7555983
UTY Protein (AA 1-1347) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	UTY
Protein Characteristics:	AA 1-1347
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UTY protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat UTY Protein expressed in mammalian cells.
Sequence:	MKSCAVSLTT AAVAFGDEAK KMAEGKASRE SEEESVSLTV EEREALGGMD SRLFGFVRLH EDGARTKTLL GKAVRCYESL ILKAEGKVES DFFCQLGHFN LLEDYSKAL SAYQRYYSLQ ADYWKNAAFL YGLGLVYFY NAFHWAIAF QDVLVDPSP CRAKEIHLRL GLMFKVNTDY KSSLKHFQLA LIDCNPCTLS NAEIQFHIAH LYETQRKYHS AKEAYEQLLQ TENLPAQVKA TVLQQLGWMH HNMDLVGDKA TKESYAIQYL QKSLEADPNS GQSWYFLGRC YSSIGKVQDA FISYRQSIDK SEASADTWCS IGVLYQQNQ PMDALQAYIC AVQLDHGHAA AWMDLGLTYE SCNQPDIAK CYLNAARSKR CSNTSTLAAR IKFLQNGSDN WNGGQSLSHH PVQQVYSLCL TPQKLQHLEQ LRANRDNLNP AQKHQLEQL SQFVLMQQMR HKEVAQVRTT GIHNGAITDS SLPTNSVSNR QPHGALTRVS SVSQPGVRPA CVEKLLSSGA FSAGCIPCGT SKILGSTDTI LLGSNCIAGS ESNGNVPYLQ QNTHTLPHNH TDLNSSTEEP WRKQLSNSAQ GLHKSQSSCL SGPNEEQPLF STGSAQYHQA TSTGIKKANE HLTLPNSNVP QGDADSHLSC HTATSGGQQG

IMFTKESKPS KNRSVPETS RHTGDTSGNC ADVKGLSNHV HQLIADAVSS PNHGDSPNLL
IADNPQLSAL LIGKANGNVG TGTCDKVNNI HPAVHTKTDH SVASSPSSAI STATPSPKST
EQRSINSVTS LNSPHSGLHT VNGEGLGKSQ SSTKVDLPLA SHRSTSQILP SMSVSICPSS
TEVLKACRNP GKNGLSNSCI LLDKCPPPRP PTSPYPPLPK DKLNPPTPSI YLENKRDAFF
PPLHQFCTNP KNPVTVIRGL AGALKLDLGL FSTKTLVEAN NEHMVEVRTQ LLQPADENWD
PTGTKKIWRC ESNRSHTTIA KYAQYQASSF QESLREENEK RTQHKDHSDN ESTSSSENSGR
RRKGPFKTIK FGTNIDLSDN KKWKQLQLHEL TKLPAFARVV SAGNLLTHVG HTILGMNTVQ
LYMKVPGSRT PGHQENNNFC SVNINIGPGD CEWFVVPEDY WGVLNDFCEK>NNLNFLMSSW
WPNLEDLYEA NVPVYRFIQR PGDLVWINAG TVHWVQAVGW CNNIAWNVGP LTACQYKLAV
ERYEWNKLKS VKSPVPMVHL SWNMARNIKV SDPKLFEMIK YCLLKILKQY QTLREALVAA
GKEVIWHGRT NDEPAHYCSI CEVEVFNLLF VTNESNTQKT YIVHCHDCAR KTSKSLENFV
VLEQYKMEDL IQVYDQFTLA LSLSSSS **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:	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.
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	UTY
---------	-----

Target Details

Alternative Name:	UTY (UTY Products)
Background:	Histone demethylase UTY (EC 1.14.11.68) (Ubiquitously-transcribed TPR protein on the Y chromosome) (Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein) ([histone H3]-trimethyl-L-lysine(27) demethylase UTY),FUNCTION: Male-specific histone demethylase that catalyzes trimethylated 'Lys-27' (H3K27me3) demethylation in histone H3. Has relatively low lysine demethylase activity. {ECO:0000269 PubMed:24798337}.
Molecular Weight:	149.5 kDa
UniProt:	O14607
Pathways:	Warburg Effect

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