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Datasheet for ABIN7564011

Ttc41/Gnn Protein (AA 1-1318) (His tag)

Overview

Quantity:	1 mg
Target:	Ttc41/Gnn (Ttc41)
Protein Characteristics:	AA 1-1318
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ttc41/Gnn protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ttc41 Protein expressed in mammalian cells.
Sequence:	MSDEASETGQ RYNGQPILKR QKPILPYICS TLDFQEERDF LAKSIFPRLN DICSSRGTYF KAVDLRWSAV KAHKSFTSNQ FRQYSCLQSQ HCLKSLDYVN RCFPPFIGLL GQTYGDFLPD YTPFLLSQVK DFESLSKGKK NLYIAAKNGY PWVLKTPNCS LTFEIIQAV FRKKSQFQFF YFRSNSLLR TFNEEEEEEE EKLSSAYLLN EQGKMKVGKL KAKIIGKGLP VRFYRDLEEL GDMVWKDWSA VVEKLYPFTT IMGNIDYKHS FENLYHEEFV ENCKQVFVTS KESNRTFEIL ERFAIKDLDL DLDTDSTIAG SGLDSILRIN SLPTCKSILL LSGERGCGKS TLIANWWSNF QSKHPGVLM I PYFVGSTCES CDIMSVIH YF VMELQHRANG PRLEMDFLNE DSNLVVFSLL VEVFIAAISL KPCILVLDGI EELIGIYGIS GQKAKDFSWL PRSLPPHCKF ILSSVSSSL S CKSLCARPDV KIVELNSIGD EDTKFNIFRQ HLSPADQERF GQSKPILRKK PNLSPKLAI IASELQECKI YRNEFQCLRE YLEVASVQEL WELILKRWVE DYSWTLKPKD TTLDTVIPGP SGWVVDVLCL LCISHCGLAE DELLQLLDTM GYRDHHKVTA VHWA AFRQAT KTWIQEKPNG LLYFQHQSRLR SAVEHKLLGV STPVRESNPN VAQNSVNHKK AHFHQVLMRF FQRQTIFWRV YQELPWHMKM

SGYWEGLCNF ITNPSITDFI SKIQNPSLWT RLHLVHYWDV LLEAGNDVSE AFLLSVAKIE
GEQFQKLKKR TTLSVLECSL SEITAADKGR IILFIGSFLK LMGKINEAEK LFLSAEDLLL
QSPSMTEMLL RAQNAIGELY LEIGMTPKGL TYFQKAWSNL LRFTLSDLKI SQELMKQKVK
VMNNLAESAP GEFLKENHVL EYATEISKYV TGNPRDHATM KYTEGVLMLA SGNAALAKLK
FQECLTIRRW LFGNKNILVG EIMEFLADLL FFLLGENEKS QKKQAIEYYK QVIKIKEKAD
TVATCKLVRK HLSISLSDTL CKLAGQLLSG DFCHHATMEA VSYLYRSLDL RAAHLGPTHA
SIEGILHLLR EIQRSRGRRS WPQSMNHLFP NGSRNGFSLW ENVPKLNHFS AQSSDTVNTA
MCMNIRRFQR VKSTQPSLVS DKPKYVPGKG KKTLPILCK SAEKFQRQA SDSQIWNSPR
RQPARKKAAC PLKTVSLIDK NGLVRLSRQS VSSAELDSRK GLITSICRQP LQRPHNVDPN
WKSISELVSE KWL FHTPQYC FTPQKPGFPR RSQIESKLLK TSDDPNKE **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:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	Ttc41/Gnn (Ttc41)
Alternative Name:	Ttc41 (Ttc41 Products)
Background:	Tetratricopeptide repeat protein 41 (TPR repeat protein 41) (Grp94-neighboring nucleotidase)
Molecular Weight:	150.8 kDa
UniProt:	Q692V3

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