Tetratricopeptide Repeat Protein 37 (TTC37) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tetratricopeptide repeat protein 37 (TTC37), Recombinant Protein
Full Product Name	Recombinant Human Tetratricopeptide repeat protein 37 (TTC37) , partial
Product Gene Name	TTC37 recombinant protein
Product Synonym Gene Name	TTC37
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	175,486 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	222470
3D Structure	ModBase 3D Structure for Q6PGP7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TTC37 recombinant protein	MBS1398403 is a recombinant protein targeting TTC37. Also known as Recombinant Human Tetratricopeptide repeat protein 37 (TTC37) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TTC37 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TTC37. It may not necessarily be applicable to this product.

NCBI GI #	7662078
NCBI GeneID	9652
NCBI Accession #	NP_055454.1
UniProt Primary Accession #	Q6PGP7
UniProt Secondary Accession #	O15077; Q6PJI3
UniProt Related Accession #	Q6PGP7
GenBank Nucleotide #	NM_014639.3
NCBI Official Full Name	tetratricopeptide repeat protein 37

NCBI Official Synonym Full Names	tetratricopeptide repeat domain 37
NCBI Official Symbol	TTC37
NCBI Official Synonym Symbols	Ski3; THES; KIAA0372
UniProt Protein Name	Tetratricopeptide repeat protein 37
UniProt Synonym Protein Names	SKI3 homolog; Ski3; Tricho-hepatic-enteric syndrome protein; Thespin
Protein Family	Tetratricopeptide repeat protein
UniProt Gene Name	TTC37
UniProt Synonym Gene Names	KIAA0372; TPR repeat protein 37; Ski3; Thespin
NCBI Protein Information	tetratricopeptide repeat protein 37
NCBI Summary for TTC37	This gene encodes a protein with twenty tetratricopeptide (TPR) repeats. Tetratricopeptide repeat containing motifs are found in a variety of proteins and may mediate protein-protein interactions and chaperone activity. Mutations in this gene are associated with trichohepatoenteric syndrome. [provided by RefSeq, Jul 2010]
UniProt Comments for TTC37	Component of the SKI complex which is thought to be involved in exosome-mediated RNA decay and associates with transcriptionally active genes in a manner dependent on PAF1 complex (PAF1C).
Research Articles on TTC37	**1.** Study reported three point mutations, which have not been previously described in other patients with THES in SKIV2L and TTC37 genes, including one nonsense, one frameshift, and one missense mutations.
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