

Recombinant Human TUG protein ab167886

1 Image

Description

Product name	Recombinant Human TUG protein
Purity	> 85 % SDS-PAGE. ab167886 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9BZE9</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAPAGG GGSVSVLAP NGRRHVKVT PSTVLLQVLE DTCRRQDFNP CEYDLKFQRS VLDLSLQWRF ANLPNNAKLE MVPASRSREG PENMVRALQ LDDGSRLQDS FCSGQTLWEL LSHFPQIREC LQHPGGATPV CVYTRDEVTG EAALRGTTLQ SLGLTGGSAT IRFVMKCYDP VGKTPGSLGS SASAGQAAAS APLPLESGEL SRGDLSRPED ADTSGPCCEH TQEKQSTRAP AAPFVVPFSG GGQRLGGPPG PTRPLTSSSA KLPKSLSSPG GPSKPKKSKS GQDPQQEQEQ ERERDPQQEQ ERERPVDREP VDREPVVCHP DLEERLQAWP AELPDEFFEL TVDDVRRRLA QLKSERKRLE EAPLVTKAFR EAQIKEKLER YPKVALRVLF PDRYVLQGFF RPSETVGDLR DFVRSHLGNP ELSFYLFITP PKTVLDDHTQ TLFQANLFPA ALVHLGAEEP AGVYLEPGLL EHAISPSAAD VLVARYMSRA AGSPSPLPAP DPAPKSEPAA EEGALVPPEP IPGTAQPVKR SLGKVPKWLK LPASKR
Predicted molecular weight	63 kDa including tags
Amino acids	1 to 553
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab167886** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function Tethering protein that sequesters GLUT4-containing vesicles in the cytoplasm in the absence of insulin. Modulates the amount of GLUT4 that is available at the cell surface.

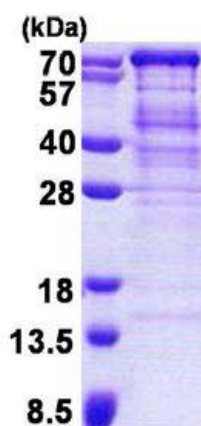
Tissue specificity Ubiquitous. Highly expressed in testis, heart, skeletal muscle and pancreas.

Involvement in disease Note=A chromosomal aberration involving ASPSCR1 is found in patients with alveolar soft part sarcoma. Translocation t(X;17)(p11;q25) with TFE3 forms a ASPSCR1-TFE3 fusion protein. Note=A chromosomal aberration involving ASPSCR1 has been found in two patients with of papillary renal cell carcinoma. Translocation t(X;17)(p11.2;q25).

Sequence similarities Contains 1 UBX domain.

Cellular localization Endomembrane system.

Images



15% SDS-PAGE analysis of ab167886 (3µg).

SDS-PAGE - Recombinant Human TUG protein
(ab167886)

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