

Recombinant human TTC33 protein

Catalog Number: ATGP1716

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-262aa

UniProt No.

Q6PID6

NCBI Accession No.

NP_036514

Alternative Names

Tetratricopeptide repeat protein 33, OSRF, Osmosis-responsive factor, TPR repeat protein 33, Tetratricopeptide repeat protein 33

PRODUCT SPECIFICATION

Molecular Weight

31.8 kDa (285aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Tetratricopeptide repeat protein 33, also known as TTC33, contains 3 TPR repeats. Recombinant human TTC33 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MASFGWK RKIGEKVSKV TSQQFEAEAA DEKDVVDNDE GNWLHAIKRR

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KEILLEGCAE KSKQLKDEGA SLAENKRYRE AIQKWDEALQ LTPNDATLYE MKSQVLMSLH EMFPAVHAAE MAVQQNPHSW
ESWQTLGRAQ LGLGEIILAI RSFQVALHIY PMNPEIWKED LSWARTLQEQ QKVAQRIKKS EAPAEVTHFS PKSIPDYDFE
SDEIVAVCAA IAEKEKTVSA NKTMVIVSAS GAIETVTEKE DGATPPDGSV FIKAR

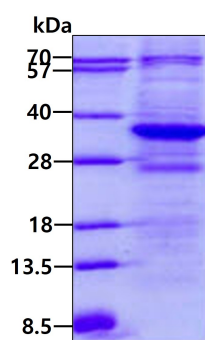
General References

Olsen J.V., et al. (2006) Cell. 127:635-648

Dephoure N., et al. (2008) Proc. Natl. Acad. Sci. u.S.A. 105:10762-10767

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.