

Recombinant human ANKRA2 protein

Catalog Number: ATGP2787

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-313aa

UniProt No.

Q9H9E1

NCBI Accession No.

NP_075526

Alternative Names

Ankyrin repeat family A protein 2, C11, C11-RNP3, hRPC11, My010, RPC10, RPC11, RPC12.5

PRODUCT SPECIFICATION

Molecular Weight

36.7 kDa (336aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

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

ANKRA2 contains 5 ANK repeats. This protein may facilitate endocytosis by linking megalin to components of the cytoskeleton or endocytic machinery. Recombinant human ANKRA2 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>MDTSTNL DIGAQLIVEE CPSTYSLTGM PDIKIEHPLD PNSEEGSAQG
VAMGMKFILP NRFDMNVCSR FVKSLNEEDS KNIQDQVNSD LEVASVLFKA ECNIHTSPSP GIQVRHVYTP STTKHFSPK

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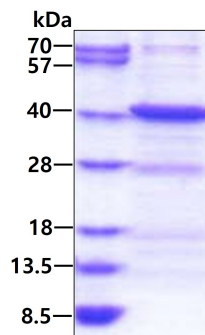
QSTTLTNKHR GNEVSTTPLL ANSLSVHQLA AQGEMLYLAT RIEQENVINH TDEEGFTPLM WAAAHGQIAV VEFLLQNGAD
PQLLGKGRES ALSLACSKGY TDIVKMLLDC GVDVNEYDWN GGTPLLYAVH GNHVKCVKML LESGADPTIE TDSGYNSMDL
AVALGYRSVQ QVIESHLLKL LQNIKE

General References

Wang,A.H., et al. (2005) J. Biol. Chem. 280 (32), 29117-29127
Rader,K., et al. (2000) J. Am. Soc. Nephrol. 11 (12), 2167-2178

DATA

SDS-PAGE



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