Recombinant human RWDD1 protein

Catalog Number: ATGP1844

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-243aa

UniProt No.
Q9H446

NCBI Accession No.
NP_057036

Alternative Names
RWD domain-containing protein 1, CGI-24, PTD013

PRODUCT SPECIFICATION

Molecular Weight
30.3 kDa (266aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl,10% glycerol, 2mM 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
RWDD1, also known as CGI-24 or PTD013, belongs to the RWDD1/GIR2 family. This protein protects DRG2 (developmentally regulated GTP binding protein 2), from proteolytic degradation. RWDD1 is a novel RWD domain containing protein. RWD domain refers to three signature motifs in proteins: RING finger, WD-repeats, and yeast DEAD (DEXD) -like motif. The function of this domain is not clear enough. Present evidence suggests that RWD domain might be necessary for protein-protein interaction. Recombinant human RWDD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

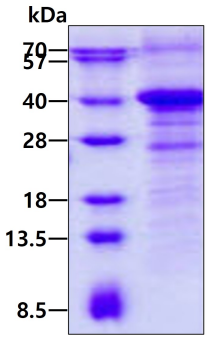
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General References

Kang N, et al. (2008) Cell Mol Immunol. 5(5):333-9.
Grotsch H, et al. (2012) Mol Cell Endocrinol. 358(1):53-62.

DATA

SDS-PAGE



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