Recombinant human DBNDD2 protein

Catalog Number: ATGP1653

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-161aa

UniProt No.
Q9BQY9

NCBI Accession No.
NP_001041688

Alternative Names
Dysbindin domain-containing protein 2, C20orf35, CK1BP, HSMNP1

PRODUCT SPECIFICATION

Molecular Weight
20.1 kDa (185aa) 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 20% glycerol, 0.1M NaCl, 1mM DTT

Purity
> 90% 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
DBNDD2, also known as dysbindin domain-containing protein 2, belongs to the dysbindin family. DBNDD2 may modulate the activity of casein kinase-1 and inhibits CSNK1D autophosphorylation (in vitro). Recombinant human DBNDD2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGSH>MDPNPR AALERQQLRL RERQKFFEDI LQPETEFVFP LSHLHLESQR

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

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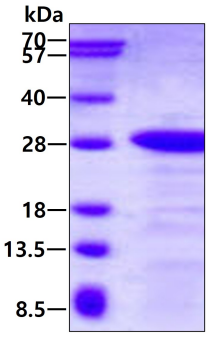
PPIGSISSME VNVDTLEQVE LIDLGDPDAA DVFLPCEDPP PTPQSSGMDN HLEELSLPVP TSDRTTSRTS SSSSSDSSTN LHSPNPSDDG ADTPLAQSDE EEERGDGGAE PGACS

General References

Yin H., et al. (2006) Biochemistry. 45:5297-5308
Hu R.-M., et al. (2000) Proc. Natl. Acad. Sci. u.S.A. 97:9543-9548

DATA

SDS-PAGE



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