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### 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 REROKFFEDI LQPETEFVFP LSHLHLESQR



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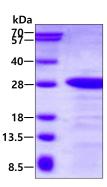
PPIGSISSME VNVDTLEQVE LIDLGDPDAA DVFLPCEDPP PTPQSSGMDN HLEELSLPVP TSDRTTSRTS SSSSSDSSTN LHSPNPSDDG ADTPLAQSDE EEERGDGGAE PGACS

#### **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.

