
Product Data Sheet

Product Name: DBNDD2 Human
 Cat. No.: GP23295
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Dysbindin domain-containing protein 2; Casein kinase-1 binding protein; CK1BP; HSMNP1; DBNDD2; C20orf35.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDPNPR AALERQQLRL RERQKFFEDI LQPETEFVFP LSHLHLESQR PPIGSISSME VNVDTLEQVE LIDLGDPDAA DVFLPCEDPP PTPQSSGMDN HLEELSLPVP TSDRTTSRTS SSSSSDSSTN LHSPNPSDDG ADTPLAQSD EEEERGDGGAE PGACS.		
Formulation	DBNDD2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

Dysbindin domain-containing protein 2 (DBNDD2) is a member of the dysbindin family. DBNDD2 regulates the activity of casein kinase-1 and inhibits CSNK1D autophosphorylation (in vitro). DBNDD2 also interacts with CSNK1D and CSNK1E. DBNDD2 is detected in brain.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

DBNDD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 185 amino acids (1-161 a.a) and having a molecular mass of 20.1kDa (Molecular weight on SDS-PAGE will appear higher). DBNDD2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA