

Recombinant human DCTN6 protein

Catalog Number: ATGP2832

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-190aa

UniProt No.

O00399

NCBI Accession No.

NP_006562

Alternative Names

Dynactin subunit 6, p27, WS-3, WS3

PRODUCT SPECIFICATION

Molecular Weight

23.1 kDa (213aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

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

DCTN6 contains an RGD (Arg-Gly-Asp) motif in the N-terminal region, which confers adhesive properties to macromolecular proteins like fibronectin. It shares a high degree of sequence similarity with the mouse homolog, which has been suggested to play a role in mitochondrial biogenesis. The exact biological function of this gene is not known. Recombinant human DCTN6 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human DCTN6 protein

Catalog Number: ATGP2832

Amino acid Sequence

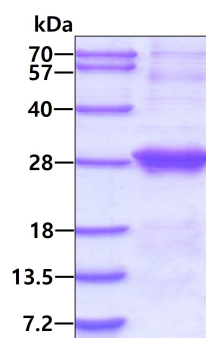
<MGSSHHHHHH SSGLVPRGSH MGS>MAEKTQK SVKIAPGAVV CVESEIRGDV TIGPRTVIHP KARIIEAGP IVIGEGNLIE
EQALIINAYP DNITPDTEDP EPKPMIIGTN NVFEVGCYSQ AMKMGDNNVI ESKAYVGRNV ILTSGCIIGA CCLNLTFEVI
PENTVIYGAD CLRRVQTERP QPQTLQLDFL MKILPNYHHL KKTMKGSSTP VKN

General References

Yeh T.Y., et al (2013) EMBO J. 32:1023-1035

DATA

SDS-PAGE



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