

DCTN6, 1-190aa, Human, His tag, E.coli

Cat.NO.: TP01844

3th Edition

Synonyms: Dynactin subunit 6, p27, WS-3, WS3

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.

Form: Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

Molecular Weight: 23.1kDa (213aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM AEKTQKSVKIAPGAVVCVESEIRGDTVIGPRTVIHPKARIIAEAGPIVIGEGN
LIEEQALIINAYPDNITPDTEDEPKPMIIGTNNVFEVGCYSQAMKMGDNNVIESKAYVGRNVILTSGCIIGACCNLNTF
EVIPENTVIYGADCLRRVQTERPQPQTLQLDFLMKILPNYHHLKKTMTKGSSTPVKN

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.