
Product Data Sheet

Product Name: DCTN6 Human
 Cat. No.: GP23305
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Dynactin 6; WS3; Dynactin Subunit P27; Protein WS-3; P27; Novel RGD-Containing Protein; Dynactin Subunit 6; WS-3; Dynactin subunit 6.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAEKTQK SVKIAPGAVV CVESEIRGDV TIGPRTVIHP KARIIEAGPIVIGEGNLIE EQALIINAYP DNITPDTEDP EPKPMIIGTN NVFEVGCYSQ AMKMGDNNVI ESKAYVGRNVILTSGCIIGA CCNLNTFEVI PENTVIYGAD CLRRVQTERPQPQTLQLDFL MKILPNYHHL KKTMKGSSTP VKN.		
Formulation	DCTN6 protein solution (1mg/ml) containing PhosphateBuffered Saline (pH7.4) and 10% glycerol.		

Introduction

Dynactin 6, also known as DCTN6 is a member of the dynactin subunits 5/6 family. DCTN6 includes an RGD (Arg-Gly-Asp) motif in the N-terminal region, which confers adhesive properties to macromolecular proteins such as fibronectin. DCTN6 has a high degree of sequence resemblance with the mouse homolog, which has been found to participate in mitochondrial biogenesis. Moreover, the precise biological function of DCTN6 is unknown.

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

DCTN6 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-190 a.a) and having a molecular mass of

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

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23.1kDa.DCTN6 is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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