

Recombinant Human DCTN6, GST-tagged

Cat. No. DCTN6-11869H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCTN6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-190a.a.
Description	The protein encoded by this gene 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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DCTN6 dynactin 6 [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	DCTN6
Synonyms	DCTN6; dynactin 6; dynactin subunit 6; WS 3; protein WS-3; dynactin subunit p27; novel RGD-containing protein; WS3; p27; WS-3;
Gene ID	10671
mRNA Refseq	NM_006571
Protein Refseq	NP_006562
MIM	612963
UniProt ID	O00399
Chromosome Location	8p12-p11
Pathway	Vasopressin-regulated water reabsorption, organism-specific biosystem; Vasopressin-regulated water reabsorption, conserved biosystem;
Function	dynein binding; transferase activity;