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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

DCTN1 (Human) Recombinant Protein (P01)

Catalog Number: H00001639-P01

Regulation Status: For research use only (RUO)

Product Description: Human DCTN1 full-length ORF (AAH06163, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MPGPGLVKDSPLLLQQISAMRLHISQLQHENSILKGAQ
MKASLASLPPLHVAKLSHEGPGSELPAGALYRKTSQLL
ETLNQLSTHTHVVDITRTSPAAKSPSAQLMEQVAQLKS
LSDTVEKLKDEVLKETVSQRPGATVPTDFATFPSSAFL
RAKEEQQDDTVYMGKVTFSCAAGFGQRHRLVLTQEQ
LHQLHSRLIS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.52

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1639

Gene Symbol: DCTN1

Gene Alias: DAP-150, DP-150, HMN7B, P135

Gene Summary: This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. Mutations in this gene cause distal hereditary motor neuronopathy type VIIB (HMN7B) which is also known as distal spinal and bulbar muscular atrophy (dSBMA). [provided by RefSeq]