

Recombinant Human DCTN5, GST-tagged

Cat. No. DCTN5-11868H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human DCTN5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 2-182a.a.

Description This gene encodes a subunit of dynactin, a component of the cytoplasmic dynein motor machinery involved in minus-end-directed transport. The encoded protein is a component of the pointed-end subcomplex and is thought to bind membranous cargo. A pseudogene of this gene is located on the long arm of chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name DCTN5 dynactin 5 (p25) [Homo sapiens]

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Official Symbol	DCTN5
Synonyms	DCTN5; dynactin 5 (p25); dynactin subunit 5; MGC3248; p25; dynactin 4; dynactin subunit p25;
Gene ID	84516
mRNA Refseq	NM_001199011
Protein Refseq	NP_001185940
MIM	612962
UniProt ID	Q9BTE1
Chromosome Location	16p12.1
Pathway	Vasopressin-regulated water reabsorption, organism-specific biosystem; Vasopressin-regulated water reabsorption, conserved biosystem;
Function	transferase activity;

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