

Recombinant Human DCTN4 Protein (2-460 aa), His-tagged

Cat. No. DCTN4-1732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCTN4 Protein (2-460 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-460 aa
Description	Could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	54.2 kDa
AA Sequence	ASLLQSDRVLYLVQGEKKVRAPLSQLYFCRYCSELRSLECVSHEVD SHYCPSCLEN MPSAEAKLKKNRCANCFDCPGCMHTLSTRATSISTQLPDDPAKTTMKKAYYLACGF CRWTSRDVGMADKSVASGGWQEPENPHTQRMNKLIEYYQQLAQKEKVERDRKKL ARRRNYMPLAFSDKYGLGTRLQRPRAGASISTLAGLSLKEGEDQKEIKIEPAQAVDE VEPLPEDYYTRPVNLTEVTTLQQRLLQPDFQPVCASQLYPRHKHLLIKRSLRCRKCE HNLSKPEFNPTSIKFKIQLVAVNYIPEVRIMSIPNLRYMKESQVLLTLTNPVENLTHVTL FECEEGDPDDINSTAKVVVPPKELVLAKGDAAA EYDELAEPQDFQDDPDIIAFRAN

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	KVGIFIKVTPQREEGEVTVCFKMKHDFKNLAAPIRPIEESDQGTEVIWLTQHVELSLG PLLP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

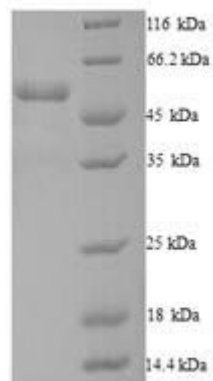
GENE INFORMATION

Gene Name	DCTN4 dynactin 4 (p62) [Homo sapiens]
Official Symbol	DCTN4
Synonyms	DCTN4; dynactin 4 (p62); dynactin subunit 4; dynactin p62 subunit; dynactin subunit p62;
Gene ID	51164
mRNA Refseq	NM_001135643
Protein Refseq	NP_001129115
UniProt ID	Q9UJW0

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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