Recombinant Full Length Human DYNC1I1 Protein, GST-tagged

Cat. No. DYNC1I1-4142HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYNC1I1 full-length ORF (AAH53542.1, 1 a.a. - 628 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	628 amino acids
Description	DYNC1I1 (Dynein Cytoplasmic 1 Intermediate Chain 1) is a Protein Coding gene. Diseases associated with DYNC1I1 include Paranoid Personality Disorder and Split Foot. Among its related pathways are Innate Immune System and Salmonella infection (KEGG). GO annotations related to this gene include microtubule binding and motor activity. An important paralog of this gene is DYNC1I2.
Molecular Mass	97.2 kDa
AA Sequence	MSDKSDLKAELERKKQRLAQIREEKKRKEEERKKKEADMQQKKEPVQDDSDLDRK RRETEALLQSIGISPEPPLVPTPMSPSSKSVSTPSEAGSQDSGDLGPLTRTLQWDTD PSVLQLQSDSELGRRLHKLGVSKVTQVDFLPREVVSYSKETQTPLATHQSEEDEED EEMVESKVGQDSELENQDKKQEVKEAPPRELTEEEKQQILHLEEFLIFFDRTIRVIER ALAEDSDIFFDYSGRELEEKDGDVQAGANLSFNRQFYDEHWSKHRVVTCMDWSLQ YPELMVASYNNNEDAPHEPDGVALVWNMKFKKTTPEYVFHCQSSVMSVCFARFHP NLVVGGTYSGQIVLWDNRSHRRTPVQRTPLSAAAHTHPVYCVNVVGTQNAHNLITV

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	STDGKMCSWSLDMLSTPQESMELVYNKSKPVAVTGMAFPTGDVNNFVVGSEEGTV YTACRHGSKAGIGEVFEGHQGPVTGINCHMAVGPIDFSHLFVTSSFDWTVKLWTTK HNKPLYSFEDNADYVYDVMWSPVHPALFACVDGMGRLDLWNLNNDTEVPTASVAI EGASALNRVRWAQAGKEVAVGDSEGRIWVYDVGELAVPHNDEWTRFARTLVEIRA NRADSEEEGTVELSA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DYNC1I1 dynein, cytoplasmic 1, intermediate chain 1 [Homo sapiens]
Official Symbol	DYNC1I1
Synonyms	DYNC1I1; dynein, cytoplasmic 1, intermediate chain 1; DNCI1, dynein, cytoplasmic, intermediate polypeptide 1; cytoplasmic dynein 1 intermediate chain 1; DNCIC1; DH IC-1; dynein intermediate chain 1, cytosolic; cytoplasmic dynein intermediate chain 1; dynein, cytoplasmic, intermediate polypeptide 1; DNCI1;
Gene ID	1780
mRNA Refseq	NM_001135556

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Protein Refseq	NP_001129028
MIM	603772
UniProt ID	O14576

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