

Recombinant Full Length Human DYNC1I2 Protein, GST-tagged

Cat. No. DYNC1I2-4144HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYNC1I2 full-length ORF (AAH15038.1, 1 a.a. - 612 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	612 amino acids
Description	This gene encodes a member of the dynein intermediate chain family. The encoded protein is a non-catalytic component of the cytoplasmic dynein 1 complex, which acts as a retrograde microtubule motor to transport organelles and vesicles. A pseudogene of this gene is located on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]
Molecular Mass	94.8 kDa
AA Sequence	MSDKSELKAELERKKQRLAQIREEEKKRKEEERKKKETDQKKEAVAPVQEEEDLEKK RREAELLQSMGLTPESPIVPPPMSPSSKSVSTPSEAGSQDSGDGAVGSRRGPIKL GMAKITQVDFPPREIVTYTKETQTPVMAQPKEDDEEEDDDVAPKPPIEPEEEKTLKK DEENDSKAPPHELTEEEKQQILHSEEFLSFFDHSTRIVERALSEQINIFFDYSGRDLE DKEGEIQAGAKLSLNRQFFDERWSKHRVVSCLDWSSQYPELLVASYNNNEDAPHE PDGVALVWNMKYKKTTPYVFHCQSAVMSATFAKFHPNLVVG GTYSGQIVLWDNR SNKRTPVQRTPLSAAATHPVYCVNVVGTQNAHNLSISTDGKICSWSLDMLSH PQD

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SMELVHKQSKAVAVTSMSPVGDVNNFVVGSEEGSVYTACRHGSKAGISEMFEGH
QGPITGIHCHAAVGAVDFSHLFVTSSFDWTVKLWTTKNNKPLYSFEDNADYVYDVM
WSPTHPALFACVDGMGRDLWNLNNDTEVPTASISVEGNPALNRVRWTHSGREIAV
GDSEGQIVIYDVGEQIAVPRNDEWARFGRTLAEINANRADAEAAAATRIPA

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 [DYNC1I2 dynein, cytoplasmic 1, intermediate chain 2 \[Homo sapiens \]](#)

Official Symbol [DYNC1I2](#)

Synonyms DYNC1I2; dynein, cytoplasmic 1, intermediate chain 2; DNCI2, dynein, cytoplasmic, intermediate polypeptide 2; cytoplasmic dynein 1 intermediate chain 2; DH IC-2; dynein intermediate chain 2, cytosolic; cytoplasmic dynein intermediate chain 2; dynein, cytoplasmic, intermediate polypeptide 2; IC2; DNCI2; MGC9324; FLJ21089; FLJ90842; MGC104199; MGC111094;

Gene ID [1781](#)

mRNA Refseq [NM_001378](#)

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Protein Refseq	NP_001369
MIM	603331
UniProt ID	Q13409

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