

Recombinant Human DYM Protein, GST-tagged

Cat. No. DYM-2963H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYM full-length ORF (BAG52319.1, 1 a.a. - 669 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which regulates Golgi-associated secretory pathways that are essential to endochondral bone formation during early development. This gene is also believed to play a role in early brain development. This gene is widely expressed in embryos and is particularly abundant in chondrocytes and brain tissues. It encodes a peripheral membrane protein which shuttles between the cytosol and Golgi complex. Mutations in this gene are associated with two types of recessive osteochondrodysplasia: Dyggve-Melchior-Clausen (DMC) dysplasia and Smith-McCort (SMC) dysplasia. [provided by RefSeq, Jun 2017]
Molecular Mass	102.3 kDa
AA Sequence	MGSNSSRIGDLPKNEYLKKLSGTESISENDPFWNQLLSFSFPAPTSSSELKLLLEEATI SVCRLSVENNPRTGNL GALIKVFLSRTKELKLSAECQNHIFIWQTHNALFIICLLKVFI CQMSEEEQLHFTYEEKSPGNYSSDSEDLL EELL CCLMQ LITDIPLLDITYEISVEAIST MVFVFLSCQLFHKEVLRQSISHKYL MRGPCLPYTSKLVKTLLYNFIRQEKPPPPGAHV FPQQSDGGGLLYGLASGVATGLWTVFTLGGVGSKAAASPELSSPLANQSLLLLLVL ANLTDASDAPNPYRQAIMSFKNTQDSSPFPSSIPHAHQINFNLSLYTALCEQQTSDQA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TLLYTLHQNNSNIRTYMLARTDMENLVLPILYHVEERNSHHVYMALIILLITEDDG
 FNRSIHEVILKNITWYSERVLTEISLGSLLILVVIRTIQYNMTRTRDKYLHTNCLAALAN
 MSAQFRSLHQYAAQRIISLFSLLSKKHNVLEQATQSLRGSLSNDVPLPDYAQDLN
 VIEEVIRMMLEIINSLTNSLHHNPNLVYALLYKRDLFEQFRTHPSFQDIMQNIDLVISF
 FSSRLLQAGAELSERVLEIHKQGVVALPKDRLKKFPELKFYVEEEQPEEFFIPYVW
 SLVYNSAVGLYWNPQDIQLFTMDSD

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

[DYM dymeclin \[Homo sapiens \]](#)

Official Symbol

[DYM](#)

Synonyms

DYM; dymeclin; DMC; FLJ20071; SMC; dyggve-Melchior-Clausen syndrome protein;
 FLJ90130;

Gene ID

[54808](#)

mRNA Refseq

[NM_017653](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_060123
MIM	607461
UniProt ID	Q7RTS9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA