

Recombinant Human DYM Protein, His-tagged

Cat. No. DYM-679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYM(Ser546~Asp669) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser546~Asp669
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	16.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

 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

Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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
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