



Recombinant Human Dymeclin (DYM)

Product Code	CSB-EP007291HU-B
Abbreviation	DYM
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q7RTS9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GSNSSRIGD LPKNEYLKKL SGTESISEND PFWNQLLSFS FPAPTSSSEL KLEEEATISV CRSLVENNPR TGNLGALIKV FLSRTKELKL SAECQNHIFI WQTHNALFII CCLLKVFICQ MSEEELQLHF TYEEKSPGNY SSDSEDLLEE LLCCLMQLIT DIPLLDITYE ISVEAISTMV VFLSCQLFHK EVLRQSISHK YLMRGPCLPY TSKLVKTLTY NFIRQEKPPP PGAHVFPQQS DGGGLLYGLA SGVATGLWTV FTLGGVGSKA AASPELSSPL ANQSLLLLLLV LANLTDASDA PNPYRQAIMS FKNTQDSSPF PSSIPHAFQI NFNSLYTALC EQQTSDQATL LLYTLHQNNS NIRTYMLART DMENLVLPIE EILYHVEERN SHHVYMALII LLILTEDDGF NRSIHEVILK NITWYSERVL TEISLGSLLI LVVIRTIQYN MTRTRDKYLH TNCLAALANM SAQFRSLHQY AAQRIISLFS LLSKKHKNKVL EQATQSLRGS LSSNDVPLPD YAQDLNVIEE VIRMMLEIIN SCLTNSLHNN PNLVYALLYK RDLFEQFRTH PSFQDIMQNI DLVISFFSSR LLQAGAELSV ERVLEIHKQG VVALPKDRLK KFPELKFYV EEEQPEEFFI PYVWVSLVYNS AVGLYWNPQD IQLFTMDS
Source	E.coli
Target Names	DYM
Protein Names	Recommended name: Dymeclin Alternative name(s): Dyggve-Melchior-Clausen syndrome protein
Expression Region	2-669
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a protein which is necessary for normal skeletal development and brain function. Mutations in this gene are associated with two types of recessive osteochondrodysplasia, Dyggve-Melchior-Clausen (DMC) dysplasia and Smith-McCort (SMC) dysplasia, which involve both skeletal defects and mental retardation.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.