

Recombinant Human DYM, GST-tagged

Cat. No. DYM-12225H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYM protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DYM dymeclin [Homo sapiens]
Official Symbol	DYM

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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
Chromosome Location	18q21.1

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