

Recombinant Human MYOG protein, His-tagged

Cat. No. MYOG-3209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYOG protein(138-224 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	138-224 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SLNQEERDLRYRGGGGPQPGVPSECSSHSASCSP EWGSALEFSANPGDHLLTADP TDAHNLHSLTSIVDSITVEDVSVAFPDETMPN
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	MYOG myogenin (myogenic factor 4) [Homo sapiens]
Official Symbol	MYOG
Synonyms	MYOG; myogenin (myogenic factor 4); MYF4; myogenin; bHLHc3; myf-4; myogenic factor 4; Myogenic factor-4; class C basic helix-loop-helix protein 3; MYOGENIN;
Gene ID	4656
mRNA Refseq	NM_002479
Protein Refseq	NP_002470
MIM	159980
UniProt ID	P15173

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