

Recombinant Human MYOD1 Protein, GST-tagged

Cat. No. MYOD1-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYOD1 Protein(1-232 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-232 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.0). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AASequence	MELLSPPLRDVDLTAPDGSLCSFATTDDFYDDPCFDSPDLRFFEDLDPRLMHVGALL KPEEHSHFPAAVHPAPGAREDEHVRAPSGHHQAGRCLLWACKACKRKTTNADRRK AATMRERRRLSKVNEAFETLKRCTSSNPQNQLPKVEILRNAIRYIEGLQALLRDQDAA PPGAAAFYAPGPLPPGRGGEHYSGDSDASSPRSNCSGMMMDYSGPPSGARRRN CYEGAYYN
Purity	80%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name MYOD1 myogenic differentiation 1 [Homo sapiens]

Official Symbol MYOD1

Synonyms MYOD1; myogenic differentiation 1; MYF3, myogenic factor 3; myoblast determination protein 1; bHLHc1; MYOD; PUM; myf-3; myogenic factor 3; class C basic helix-loop-helix protein 1; MYF3;

Gene ID 4654

mRNA Refseq NM_002478

Protein Refseq NP_002469

MIM 159970

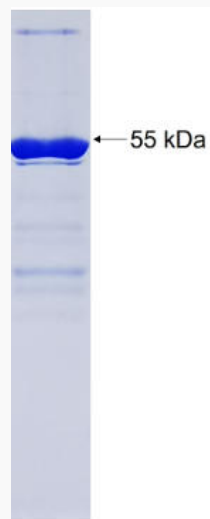
UniProt ID P15172

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SDS-PAGE



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