

Recombinant Human MSX2 protein, GST-tagged

Cat. No. MSX2-301218H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSX2 (50-120 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu50-Gly120
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	EALMSDKKPPKEASPLPAESASAGATLRPLLLSGHGAREAHSPGPLVKPFETASVKS ENSEDGAAWMQEPG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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.

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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 storage.

GENE INFORMATION**Gene Name**[MSX2 msh homeobox 2 \[Homo sapiens \]](#)**Official Symbol**[MSX2](#)**Synonyms**

MSX2; msh homeobox 2; msh (Drosophila) homeo box homolog 2 , msh homeobox homolog 2 (Drosophila) , parietal foramina 1 , PFM1; homeobox protein MSX-2; craniosynostosis; type 2; CRS2; FPP; HOX8; MSH; PFM; msh homeo box 2; homeobox protein Hox-8; msh homeobox homolog 2; PFM1;

Gene ID[4488](#)**mRNA Refseq**[NM_002449](#)**Protein Refseq**[NP_002440](#)**MIM**[123101](#)**UniProt ID**[P35548](#) 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