

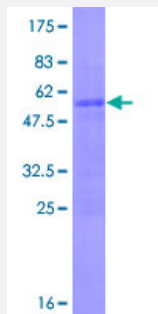
Full-Length

MSC (Human) Recombinant Protein (P01)

Catalog # H00009242-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MSC full-length ORF (NP_005089.2, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSTGSVSDPEEMELRGLQREYPVPASKRPPLRGVERSYASPSDNSSAEEEDPDGEEERCALGT AGSAEGCKRKRPVAGGGGAGGSAGGGGKKPLPAKGSAAECKQSQRNAANARERARMRVLS KAFSRLKTSLPWVPDTKLSKLDTLRLASSYIAHLRQLLQEDRYENGYVHPVNLTPFVVSGRPD SDTKEVSAANRLCGTTA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.5
Interspecies Antigen Sequence	Mouse (84); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MSC

Entrez GeneID [9242](#)

GeneBank Accession# [NM_005098.3](#)

Protein Accession# [NP_005089.2](#)

Gene Name MSC

Gene Alias ABF-1, ABF1, MYOR, bHLHa22

Gene Description musculin (activated B-cell factor-1)

Omim ID [603628](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq]

Other Designations activated B-cell factor 1, homolog of mouse musculin|activated B-cell factor-1|musculin

Disease

- [Cleft Lip](#)

- [Cleft Palate](#)