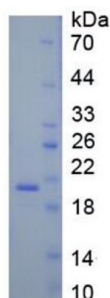
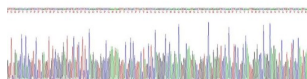


Mouse Myeloid-Derived Growth Factor (MYDGF) Protein

Catalogue No.: abx655979



SDS-PAGE analysis of recombinant Mouse MYDGF Protein.



Gene sequencing extract of recombinant Mouse MYDGF Protein.

Mouse Myeloid-Derived Growth Factor (MYDGF) Protein is a recombinant Mouse protein expressed in *E. coli*.

Target: Myeloid-Derived Growth Factor (MYDGF)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 90%

Datasheet

Version: 1.0.0
Revision date: 07 Oct 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9CPT4 (UniProt , ExPASy)
Gene Symbol:	MYDGF
GeneID:	28106
KEGG:	mmu:28106
String:	10090.ENSMUSP0000001972
Molecular Weight:	Calculated MW: 19.4 kDa Observed MW (SDS-PAGE): 23 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none">1. Splice variants. Alternative splicing may create different sized proteins from the same gene.2. Relative charge. The composition of amino acids may affect the charge of the protein.3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Val25-Leu166
Sequence:	VSEPTT VPFDVRPGGV VHSFSQDVGP GNKFTCTFTY ASQGGTNEQW QMSLGTSEDS QHFTCTIWRP QGKSYLYFTQ FKAELRGAEI EYAMAYSKAA FERESDVPLK SEEFVTKTA VSHRPGAFKA ELSKLVIVAK AARSEL
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.