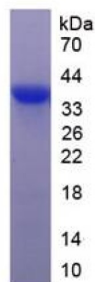
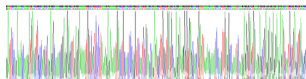


Human Myosin-8 (MYH8) Protein

Catalogue No.: abx654454



SDS-PAGE analysis of recombinant Human Myosin-8.



Gene sequencing analysis of Human Myosin-8.

Human Myosin-8 (MYH8) Protein is a Recombinant Human protein expressed in *E. coli*.

Target: Myosin-8 (MYH8)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, 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.

Datasheet

Version: 2.0.0
Revision date: 05 Jul 2025



Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P13535 (UniProt , ExPASy)
Gene Symbol:	MYH8
GeneID:	4626
OMIM:	158300
HGNC:	7578
KEGG:	hsa:4626
Ensembl:	ENSG00000133020
String:	9606.ENSP00000384330
Molecular Weight:	Calculated MW: 34.7 kDa Observed MW (SDS-PAGE): 38 kDa Possible reasons why the actual band size differs from the predicted band size: 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:	Ile817-Glu1081
Sequence:	IQYN VRAFMNVKHW PWMKLFFKIK PLLKSAETEK EMATMKEEFQ KTKDELAKSE AKRKELEEKM VTLLKEKNDL QLQVQSEADS LADAEERCEQ LIKNKIQLEA KIKEVTERAE EEEEEINAEIT AKKRKLEDEC SELKKDIDDL ELTLAKVEKE KHATENKVKN LTEEMAGLDE TIAKLSKEKK ALQETHQQTL DDLQAEEDKV NILTKAKTKL EQQVDDLEGS LEQEKKLRMD LERAKRKLEG DLKLAQESTM DMENDKQQLD E
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only