

Recombinant Human MYH6 Protein (160-816 aa), His-tagged

Cat. No. MYH6-1469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYH6 Protein (160-816 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	160-816 aa
Description	Muscle contraction.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	76.8 kDa
AA Sequence	NAYQYMLTDRENQSILITGESGAGKTVNTRKVIQYFASIAAIGDRGKKDNANANKGTL EDQIIQANPALEAFGNAKTVRNDNSSRFGKFIRIHFGATGKLASADIETYLLEKSRVIF QLKAERNYHIFYQILSNKKPELLDMLLVTTNNPYDYAFVSQGEVSVASIDDSEELMATD SAFDVLGFTSEEKAGVYKLTGAIMHYGNMKFKQKQREEQAEPDGTEDADKSAYLM GLNSADLLKGLCHPRVKVGNEYVTKGQSVQQVYYSIGALAKAVYEKMFNWMVTRIN ATLETKQPRQYFIGVLDIAGFEIFDFNSFEQLCINFTNEKLQQFFNHHMFVLEQEEYK KEGIEWTFIDFGMDLQACIDLIEKPMGIMSILEEECMFPKATDMTFKAKLYDNHLGKS NNFQKPRNIKKGQEAHFSLIHYAGTVDYNILGWLEKNKDPLNETVVALYQKSSLKLM ATLFSSYATADTGDGSGKSKGGKKGSSSQTVSALHRENLNKLMTNLRTTHPHFVRCI

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IPNERKAPGVMDNPLVMHQLRCNGVLEGIRICRKGFPNRILYGDFRQRYRILNPVAIP
EGQFIDSRKGTCKLLSSLDIDHNQYKFGHTKVFFKAGLLGLLEEMRDERLSRIITRMQ
AQARGQLMRIEFKKIVERRDALLVI

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name MYH6 myosin heavy chain 6 [Homo sapiens (human)]

Official Symbol MYH6

Synonyms ASD3; MYHC; SSS3; CMH14; MYHCA; CMD1EE; alpha-MHC;

Gene ID 4624

mRNA Refseq NM_002471

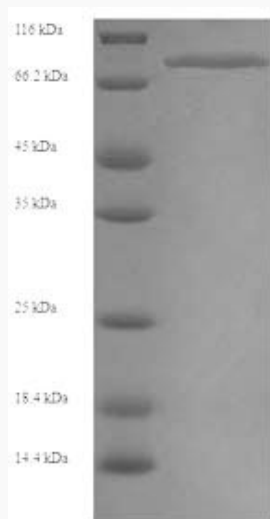
Protein Refseq NP_002462

UniProt ID P13533

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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