

## Recombinant Human Myosin-6 (MYH6)

Catalog No: #AP72695



Package Size: #AP72695-1 20ug #AP72695-2 100ug #AP72695-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant Human Myosin-6 (MYH6)
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:160-816aaSequence Info:Partial
Other Names	Myosin heavy chain 6Myosin heavy chain, cardiac muscle alpha isoform ;MyHC-alpha
Accession No.	P13533
Uniprot	P13533
GeneID	4624;
Calculated MW	76.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	NAYQYMLTDRENQSILITGESGAGKTVNTKRVIQYFASIAAIGDRGKKDNANANKGTLEDQIIQANPALEAFGNA KTVRNDNSSRFGKFIHFGATGKGLASADIETYLLEKSRVIFQLKAERNYHIFYQILSNKKPELLDMLLVTNPNPYD YAFVSQGEVSVASIDDSEELMATDSAFDVLGFTSEEKAGVYKLTGAIMHYGNMFKQKQREEQAEPDGTEDA DKSAYLMGLNSADLLKGLCHPRVKVGNVYVTKGQSVQVYYSIGALAKAVYEKMFNWMVTRINATLETQKPR QYFIGVLDIAGFEIFDFNSFEQLCINFTEKLLQFFNHHMFVLEQEEYKKEGIEWTFIDFGMDLQACIDLIEKPMG IMSILEEECMFPKATDMTFKAKLYDNHLGKSNFQKPRNIKQKQEAHFSLIHYAGTVDYNILGWLEKNKDPLNE TVVALYQKSSKLMATLFSSYATADTGDGSGKSKGGKKGSSFTVSALHRENLNKLMNLRTTHPHFVRCIIP NERKAPGVMDNPLVMHQLRCNGVLEGIRICRKGFPNRILYGDFRQRYRILNPVAIPEGQFIDSRKGTCKLLSSL DIDHNQYKFGHTKVFFKAGLLGLEEMRDERLSRIITRMQAQARGQLMRIEFKIVERRDALLVI
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Muscle contraction.

## References

Complete sequence of human cardiac alpha-myosin heavy chain gene and amino acid comparison to other myosins based on structural and functional differences.Matsuoka R., Beisel K.W., Furutani M., Arai S., Takao A.Am. J. Med. Genet. 41:537-547(1991)

Research Topic:Signal Transduction

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Note: This product is for in vitro research use only