

Myosin VA Recombinant Protein | MYO5A recombinant protein

Recombinant Myosin VA (MYO5A)

CATALOG #	HOST	APPLICATIONS
AAA144093	Host: E Coli	Immunoprecipitation, ELISA, Western Blot, SDS-Page

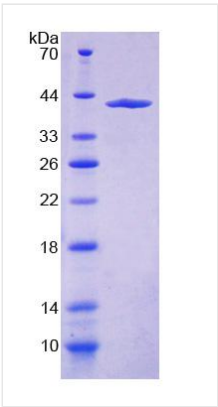
PRODUCT SYNONYMS

Myosin VA; Recombinant Myosin VA (MYO5A); MYO5A recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Concentration	8.6 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. Its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-S LLTSTINSIK KVLKKRGDDF ETVSFWLSNT CRFLHCLKQY SGEEGFMKHN TSRQNEHCLT NFDLAEYRQV LSDLAIQIYQ QLVRVLENIL QPMIVSGMLE HETIQGVSGV KPTGLRKRTS SIADEGTYTL DSILRQLNSF HSMCQHGMD PELIKQVVKQ MFYIIGAITL NNLLLRKDMC SWSKGMQIRY NVSQLEEWLR DKNLMNSGAK ETLEPLIQAA QLLQVKKKTD DDAAEICSMC NALTTAQIVK VLNLYTPVNE FEERVSFSI RTIQMRLRDR KDSPQLLMDA KHIFPVTFPF NPSSLALETI QIPASLGLGF ISRV
Sequence Length	128
Applicable Applications for MYO5A recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted isoelectric point	8.6
Predicted Molecular Mass	40.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Ser1531~Val1855
Usage	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	3064064
NCBI GeneID	4644
NCBI Official Full Name	myosin Va, partial
NCBI Official Synonym Full Names	myosin VA (heavy chain 12, myoxin)
NCBI Official Symbol	MYO5A
NCBI Official Synonym Symbols	GS1; MYO5; MYH12; MYR12
NCBI Protein Information	unconventional myosin-Va
UniProt Protein Name	Unconventional myosin-Va
UniProt Gene Name	MYO5A
UniProt Synonym Gene Names	MYH12
UniProt Entry Name	MYO5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/myo5a-recombinant-protein-host-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144093>