

LATS2 recombinant protein

LATS2, Active

CATALOG # AAA73002	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

LATS2; Active; LATS2 recombinant protein

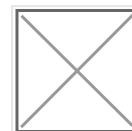
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	480-1088
Sequence Length	5558
Applicable Applications for LATS2 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for LATS2 recombinant protein	Description: Recombinant human LATS2 (480-1088) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: LATS2 is a serine/threonine protein kinase belonging to the LATS tumor suppressor family. LATS2 interacts with a negative regulator of p53 and function in a positive feedback loop with p53 that responds to cytoskeleton damage and this interaction provokes centrosome/mitotic apparatus dysfunction (1). LATS2 plays an essential role in the maintenance of mitotic fidelity and genomic integrity (2).
Product Categories/Family for LATS2 recombinant protein	Enzymes ; Active Kinases
References	1. Aylon, Y. et.al: A positive feedback loop between the p53 and Lats2 tumor suppressors prevents tetraploidization. Genes Dev. 20: 2687-2700, 2006. 2. McPherson, J. P. et.al: Lats2/Kpm is required for embryonic development, proliferation control and genomic integrity. EMBO J. 23: 3677-3688, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126507090
NCBI GeneID	26524
NCBI Accession #	NM_014572.2
NCBI GenBank Nucleotide #	NM_014572
UniProt Accession #	Q9NRM7; Q9P2X1; B1AM47
Molecular Weight	~110 kDa
NCBI Official Full Name	Homo sapiens large tumor suppressor kinase 2 (LATS2), mRNA
NCBI Official Synonym Full Names	large tumor suppressor kinase 2
NCBI Official Symbol	LATS2
NCBI Official Synonym Symbols	KPM
NCBI Protein Information	serine/threonine-protein kinase LATS2
UniProt Protein Name	Serine/threonine-protein kinase LATS2
UniProt Gene Name	LATS2

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/lats2-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73002>