

Recombinant Human LATS2 Protein (Met1-Ala237), N-His-tagged

Product Information

Cat	IMP-7704
Official Symbol	LATS2
Product Overview	<i>Purified recombinant protein of Human LATS, large tumor suppressor, homolog 2 (Drosophila) (LATS2), Met1-Ala237, with N-terminal HIS tag, expressed in E. coli.</i>
Description	<i>This gene encodes a serine/threonine protein kinase belonging to the LATS tumor suppressor family. The protein localizes to centrosomes during interphase, and early and late metaphase. It interacts with the centrosomal proteins aurora-A and ajuba and is required for accumulation of gamma-tubulin and spindle formation at the onset of mitosis. It also interacts with a negative regulator of p53 and may function in a positive feedback loop with p53 that responds to cytoskeleton damage. Additionally, it can function as a co-repressor of androgen-responsive gene expression.</i>
Expression System	<i>E. coli</i>
Species	<i>Human</i>
Tag	<i>N-His</i>
Form	<i>25mM Tris, pH 8.0, 150mM NaCl, 10% glycerol</i>
Molecular Mass	<i>25.8 kDa</i>
Protein length	<i>Met1-Ala237</i>
Purity	<i>> 80% as determined by SDS-PAGE and Coomassie blue staining.</i>
Storage	<i>Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.</i>
Concentration	<i>> 50 µg/mL as determined by microplate BCA method.</i>