

Active Recombinant Mouse Gas6, His-tagged

Cat. No. Gas6-483M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gas6 (Accession # CAA42507) Ala46-Pro673, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	46-673 a.a.
Predicted N Terminal	Ala46 & Tyr47
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to down regulate the expression of Axl in DU145 human prostate carcinoma cells. Mishra, A. et al. (2012) Mol. Cancer Res. 10:703. The ED50 for this effect is typically 20-100 ng/mL.
Molecular Mass	Recombinant Mouse Gas6, His-tagged has a calculated MW of 71 kDa. In SDS-PAGE migrates as 78-94 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Gas6 growth arrest specific 6 [Mus musculus]
Official Symbol	Gas6
Synonyms	GAS6; growth arrest specific 6; growth arrest-specific protein 6; GAS 6; AXL receptor tyrosine kinase ligand; Gas-6;
Gene ID	14456
mRNA Refseq	NM_019521
Protein Refseq	NP_062394
MIM	

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