

Active Recombinant Human GAS6, His-tagged

Cat. No. GAS6-623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAS6 (Accession # NP_000811) Ala49-Ala678, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	49-678 a.a.
Predicted N Terminal	Ala49
Form	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl and Citrate.
Bio-activity	Measured in a cell proliferation assay using T98G human glioblastoma cells. The ED50 for this effect is typically 100-400 ng/mL. Measured by its binding ability in a functional ELISA. When Recombinant Human Axl Fc Chimera is immobilized at 2 µg/mL (100 µL/well), the concentration of Recombinant Human Gas6 that produces 50% of the optimal binding response is approximately 2.5-15 ng/mL.
Molecular Mass	Recombinant Human GAS6, His-tagged has a calculated MW of 70.5 kDa. In SDS-PAGE migrates as 70-85 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	ITGA6 integrin, alpha 6 [Homo sapiens]
Official Symbol	ITGA6
Synonyms	ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244;
Gene ID	3655
mRNA Refseq	NM_000210
Protein Refseq	NP_000201
MIM	147556
UniProt ID	P23229
Chromosome Location	2q31.1

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