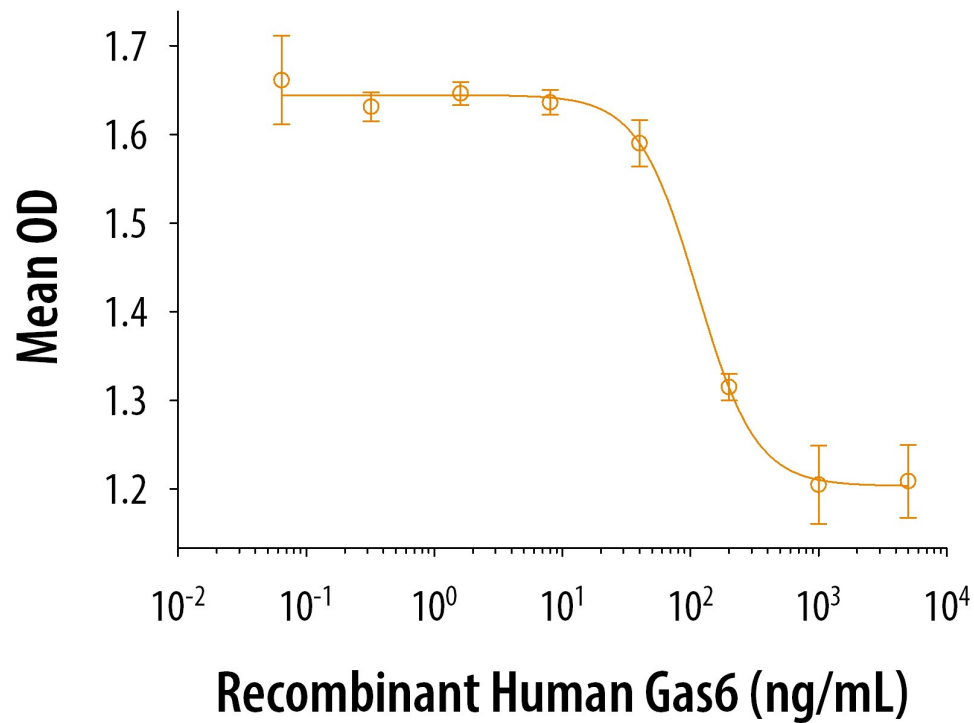


Recombinant Human GAS6 Protein (Ala49-Ala678), C-6×His-tagged

Product Information

Cat	IMP-10140
Official Symbol	GAS6
Product Overview	Recombinant human Gas6 protein (Ala49-Ala678) with a C-terminal 6×His tag was expressed in Mouse myeloma cell line.
Description	<i>This gene encodes a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein levels are additionally associated with a variety of disease states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and preeclampsia.</i>
Expression System	Mouse myeloma cell line
Species	Human
Tag	C-6×His
Predicted N Terminal	Ala49
Form	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl and Citrate.
Molecular Mass	Predicted Molecular Mass: 70.5 kDa SDS-PAGE: 70-85 kDa, reducing conditions
Protein length	Ala49-Ala678
Bio-activity	Measured by its ability to down regulate the expression of Axl in DU145 human prostate carcinoma cells. The ED50 for this effect is 25-150 ng/mL
Endotoxin	
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 500 µg/mL in sterile water.
Bioactivity-ELISA 1	



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