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Product Datasheet

Human GAS6 protein, His tag (active), Unconjugated
GTX00106-PRO

Article Name	Human GAS6 protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00106-PRO
Supplier Catalog Number	GTX00106-pro
Alternative Catalog Number	GTX00106-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	2621
UniProt	Q14393
Buffer	Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300.
Expression System	E. coli
Form	Lyophilized powder
Sequence	N-terminal His-Tag, Leu136~Phe311 (NP_000811.1)

Application Notes	Growth arrest-specific 6, also known as GAS6, is a gamma-carboxyglutamic acid (Gla) domain-containing protein thought to be involved in the stimulation of cell proliferation. It has been reported that both PC-3 and DU 145 human prostate cancer cell lines are stimulated to proliferate by Gas6, however, this proliferative response strictly correlates with the expression of the Axl receptor, being higher in DU 145 cells. To test the proliferative effect of Gas6, DU 145 cells were seeded into triplicate wells of 96-well plates at a density of 2000 cells/well and allowed to attach overnight, then the medium was replaced with serum-free standard DMEM prior to the addition of various concentrations of GAS6. After incubated for 72h, cells were observed by inverted microscope and cell proliferation was measured by Cell Counting Kit-8 (CCK-8). Briefly, 10 µl of CCK-8 solution was added to each well of the plate, then measure the absorbance at 450nm using a microplate reader after incubating the plate for 1-4 hours at 37C. Cell proliferation of DU145 cells after incubation with GAS6 for 72h observed by inverted microscope.