9051 Mira Mesa Blvd, #910094
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GAS7 Human

Growth Arrest-Specific 7 Isoform b Human Recombinant
RCP0899

Product Overview

Name	GAS7 Human
Description	
Growth Arrest-Specific 7 Isoform b Human Recombinant	
Accession (Primary)	O60861
Synonyms	
GAS7, GAS-7, Growth arrest-specific protein 7, KIAA0394, MGC1348, MLL/GAS7.	
Introduction	
GAS7 is mainly expressed in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 is involved in neuronal development by promoting maturation and morphological differentiation of cerebellar neurons. Inhibition of GAS7 production in terminally differentiating cultures of embryonic murine cerebellum impedes neurite outgrowth. Over-expression of GAS7 initiats the development of human osteosarcoma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The GAS7 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 2mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MKPGMVPPPP GEESQTVILP PGWQSYLSPQ GRRYYVNTTT NETTWERPSS SPGIPASPGS HRSSLPPTVN GYHASGTPAH PPETAHMSVR KSTGDSQNLG SSSPSKKQSK ENTITINCVT FPHPDTMPEQ QLLKPTEWSY CDYFWADKKD PQGNGTVAGF ELLLQKQLKG KQMQKEMSEF IRERIKIEED YAKNLAKLSQ NSLASQEEGS LGEAWAQVKK SLADEAEVHL KFSAKLHSEV EKPLMNFREN FKKDMKKCDH HIADLRKQLA SRYASVEKAR KALTERQRDL EMKTQQLEIK LSNKTEEDIK KARRKSTQAG DDLMRCVDLY	

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NQAQSKWFEE MVTTTLELER LEVERVEMIR QHLCQYTQLR HETDMFNQST VEPVDQLLRK VDPAKDRELW VREHKTGNIR PVDMEI.

Precautions

GAS7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O60861)