

32-3865: GAS7 Recombinant Protein

Alternative Name : GAS7,GAS-7,Growth arrest-specific protein 7,KIAA0394,MGC1348,MLL/GAS7.

Description

Source : Escherichia Coli. GAS7 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 436 amino acids (1-416a.a.) and having a molecular mass of 49.8 kDa.GAS7 is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. 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 initiates the development of human osteosarcoma.

Product Info

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| Amount : | 50 µg |
| Purification : | Greater than 95.0% as determined by SDS-PAGE. |
| Content : | The GAS7 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 2mM DTT and 10% glycerol. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHH SSGLVPRGSH MKPGMVPPPP GEESQTVILP PGWQSYLSPQ GRRYYVNTTT NETTWERPSS SPGIPASPGS HRSSLPPTVN GYHASGTPAH PPETAHMSVR KSTGDSQNLG SSSPSKKQSK ENTITINCVT FPHPDTMPEQ QLLKPTESY CDYFWADKKD PQGNGTVAGF ELLQKQLKG KQMOKEMSEF IRERIKIEED YAKNLAKLSQ NSLASQEEGS LGEAWAQVKK SLADEAEVHL KFSAKLHSEV EKPLMNFREN FKKDMKKCDH HIADLRKQLA SRYASVEKAR KALTERQRDL EMKTQQLK LSNKTEEDIK KARRKSTQAG DDLRCVDLY NQAQSKWFEE MVTTTLELER LEVERVEMIR QHLCQYTQLR HETDMFNQST VEPVDQLLRK VDKAKDRELW VREHKTGNIR PVDMEI. |

