

GAS7, 1-416aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02201

3th Edition

Synonyms:Growth arrest-specific 7, isoform b, KIAA0394

Description:Growth arrest-specific 7, also known as GAS7, is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role 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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 2mM DTT, 10% glycerol

Molecular Weight:49.8 kDa (436 aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMKPGMVPPPPGEESQTVILPPGWQSYLSPQGRRYYVNTTTNETTWERPSSSPGI
PASPGSHRSSLPPTVNGYHASGTPAHPPETAHMSVRKSTGDSQNLGSSSPSKKQSKENTITINCVTFPHPD TMPE
QQLLKPTWEWSYCDYFWADKKDPQGNQTVAGFELLQKQLKGKQMQKEMSEFIRERIKIEEDYAKNLAKLSQNSLAS
QEEGSLGEAWAQVKKSLADEAEVHLKFSAKLHSEVEKPLMNFRENFKKDMKKCDHHIADLRKQLASRYASVEKAR
KALTERQRDLEMKTQQLEIKLSNKTEEDIKKARRKSTQAGDDL MRCVDLYNQAQSKWFEEMVTTTLELERLEVERV
EMIRQHLCQYTQLRHETDMFNQSTVEPVDQLLRKVDPKADRELWVREHKTGNIRPVDMEI

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.