

Recombinant Human Growth Arrest-Specific Protein 7/GAS7 Protein (His Tag)

Catalog No. PKSH032510

Note: Centrifuge before opening to ensure complete recovery of vial contents.

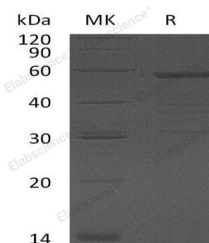
Description

Synonyms	Growth Arrest-Specific Protein 7;GAS-7;GAS7;KIAA0394
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ile412
Accession	O60861
Calculated Molecular Weight	49.4 kDa
Observed molecular weight	57 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 500mM NaCl, 50% glycerol, 1mM EDTA, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Growth Arrest-Specific Protein 7 (GAS7) is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 may play a 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. The hyper-expression of GAS7 may play an major role in the initiation and development of human osteosarcoma.

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