

GAS7 Protein, Human, Recombinant (His)

General Information

Synonyms:	GAS-7;GAS7;Growth Arrest-Specific Protein 7;KIAA0394
Protein Construction:	Met1-Ile412
Species:	Human
Expression Host:	E. coli
Accession:	O60861
Molecular Weight:	57 KDa (reducing condition)
AA Sequence:	Met1-Ile412

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of PBS, 500 mM NaCl, 50% glycerol, 1 mM EDTA, pH7.4.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein 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 a major role in the initiation and development of human osteosarcoma.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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