

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



Catalog Number:PKSH032510

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

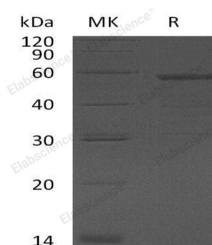
## Description

<b>Synonyms</b>	Growth Arrest-Specific Protein 7;GAS-7;GAS7;KIAA0394
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Ile412
<b>Accession</b>	O60861
<b>Calculated Molecular Weight</b>	49.4 kDa
<b>Observed molecular weight</b>	57 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	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.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, 500mM NaCl, 50% glycerol, 1mM EDTA, pH7.4.
<b>Reconstitution</b>	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 a major role in the initiation and development of human osteosarcoma.

## For Research Use Only

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