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.*

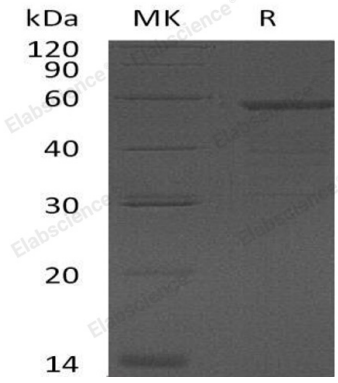
Description

Species	Human
Source	E.coli-derived Human GAS7 protein Met 1-Ile412, with an N-terminal His
Calculated MW	49.4 kDa
Observed MW	57 kDa
Accession	O60861
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Growth Arrest-Specific Protein 7 (GAS7) is expressed primarily in terminalaly 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 huaman osteosarcoma.