

Recombinant Human GAS7, His-tagged

Cat. No. GAS7-28185TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-416 of human Growth Arrest Specific Protein 7 fused to His tag at N-terminus; 436 amino acids, 49.8 kDa.
Species	Human
Source	E.coli
ProteinLength	1-416 a.a.
Description	Growth arrest-specific 7 is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role in neuronal development. Several transcript variants encoding proteins which vary in the N-terminus have been described.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 2mM DTT, 100mM Sodium chloride, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHH SSGLVPRGSH MKPGMVPPPP GEESQTVILP PGWQSYLSPQ
 GRRYYVNTTT NETTWERPSS SPGIPASPGS HRSSLPPTVN GYHASGTPAH
 PPETAHMSVR KSTGDSQNLG SSSPSKKQSK ENTITINCVT FPHPDTMPEQ
 QLLKPTWSY CDYFWADKKD PQGNGTVAGF ELLQKQLKG KQMOKEMSEF
 IRERIKIEED YAKNLAKLSQ NSLASQEEGS LGEAWAQVKK SLADEAEVHL
 KFSAKLHSEV EKPLMNFREN FKKDMKKCDH HIADLRKQLA SRYASVEKAR
 KALTERQRDL EMKTQQLEIK LSNKTEEDIK KARRKSTQAG DDLMRCVDLY
 NQAQSKWFEE MVTTTLELER LEVERVEMIR QHLCQYTQLR HETDMFNQST
 VEPVDQLLRK VDKAKDRELW VREHKTGNIR PVDMEI

Sequence Similarities

Contains 1 FCH domain.Contains 1 SH3 domain.Contains 1 WW domain.

GENE INFORMATION

Gene Name [GAS7 growth arrest-specific 7 \[Homo sapiens \]](#)

Official Symbol [GAS7](#)

Synonyms [GAS7](#); [growth arrest-specific 7](#); [growth arrest-specific protein 7](#); [KIAA0394](#); [MGC1348](#);

Gene ID [8522](#)

mRNA Refseq [NM_001130831](#)

Protein Refseq [NP_001124303](#)

MIM [603127](#)

Uniprot ID [O60861](#)

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Chromosome Location	17p13.1
Function	actin filament binding; sequence-specific DNA binding transcription factor activity;

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