

## Product datasheet for PH315256

### Growth Arrest Specific Protein 7 (GAS7) (NM\_003644) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GAS7 MS Standard C13 and N15-labeled recombinant protein (NP_003635)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215256
Predicted MW:	39 kDa
Protein Sequence:	>RC215256 representing NM_003644 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MSNMENSFDDVSLSPQNLGSSSPSKKQSKENTITINCVTFFHPDTPMEQQLLKPTWEWSYCDYFWADKKD PQNGTVAGFELLQKQLKQKQKQKEMSEFIRERIKIEEDYAKNLAKLSQNSLASQEEGSLGEAWAQVKK SLADEAEVHLKFSAKLHSEVEKPLMNFRENFKKDMKKCDHIIADLRKQLASRYASVEKARKALTERQRDL EMKTQQLLEIKLSNKTEEDIKKARRKSTQAGDLMRCVDLYNQAQSKWFEEMVTTTLELERLEVERVEMIR QHLQYTLRHETDMFNQSTVEPVDQLLRKVDPAKDRELWVREHKTGNIRPVDMEI  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_003635</a>
RefSeq Size:	7773
RefSeq ORF:	1008
Locus ID:	8522
UniProt ID:	<a href="#">O60861</a>



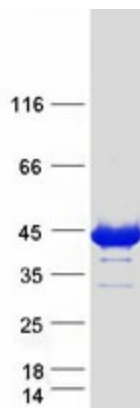
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Cytogenetics: 17p13.1

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

**Product images:**



Coomassie blue staining of purified GAS7 protein (Cat# [TP315256]). The protein was produced from HEK293T cells transfected with GAS7 cDNA clone (Cat# [RC215256]) using MegaTran 2.0 (Cat# [TT210002]).