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Product datasheet for PH302265

GGH (NM_003878) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GGH MS Standard C13 and N15-labeled recombinant protein (NP_003869)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202265
Predicted MW:	36 kDa
Protein Sequence:	>RC202265 protein sequence Red=Cloning site Green=Tags(s) MASPGCLLCVLGLLLCGAASLELSRPHGDTAKKPIIGILMQKCRNKVMKNYGRYYIAASYVKYLESAGAR VVPVRLDLTEKDYEILFKSINGILFPGGSVDLRRSDYAKVAKIFYNLSIQSFDDGDYFPVWGTCLGFEEL SLLISGECLLTATDTVDVAMPLNFTGGQLHSRMFQNFPTELLLSLAVEPLTANFHKWSLSVKNFTMNEKL KKFFNVLTTNTDGKIEFISTMEGYKYPVYGVQWHPEKAPYEWKNLDGISHAPNAVKTAFYLAEFFVNEAR KNNHHFKSESEEEKALIYQFSPIYTGNISSFQQCYIFD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_003869
RefSeq Size:	1505
RefSeq ORF:	954
Synonyms:	GATD10; GH
Locus ID:	8836

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UniProt ID: Q92820

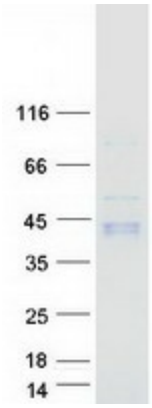
Cytogenetics: 8q12.3

Summary: This gene catalyzes the hydrolysis of folylpoly-gamma-glutamates and antifolylpoly-gamma-glutamates by the removal of gamma-linked polyglutamates and glutamate. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease, Secreted Protein

Protein Pathways: Folate biosynthesis

Product images:



Coomassie blue staining of purified GGH protein (Cat# [TP302265]). The protein was produced from HEK293T cells transfected with GGH cDNA clone (Cat# [RC202265]) using MegaTran 2.0 (Cat# [TT210002]).