

Product datasheet for PH312562

FIGLA (NM_001004311) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FIGLA MS Standard C13 and N15-labeled recombinant protein (NP_001004311)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212562
Predicted MW:	23.9 kDa
Protein Sequence:	>RC212562 representing NM_001004311 Red=Cloning site Green=Tags(s) MDPAPGVLDPRAAPPALLGTPQAEVLEDVLRQFGPLPQLAAVCRLKRLPSGGYSSTENLQLVLERRRVA NAKERERIKNLNRGFARLKALVPFLPQSRKPSKVDILKGATEYIQVLSDLLEGAKDSKKQDPDEQSYSNN SSESHTSSARQLSRNITQHISCAFLKNEEEGPWADGGSGEPAHACRHSVMSTTEIISPTRSLDRFPEVE LLSHRLPQV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001004311
RefSeq Size:	724
RefSeq ORF:	657
Synonyms:	BHLHC8; FIGALPHA; POF6
Locus ID:	344018
UniProt ID:	Q6QHK4

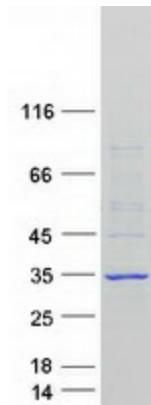


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Cytogenetics: 2p13.3

Summary: This gene encodes a protein that functions in postnatal oocyte-specific gene expression. The protein is a basic helix-loop-helix transcription factor that regulates multiple oocyte-specific genes, including genes involved in folliculogenesis and those that encode the zona pellucida. Mutations in this gene cause premature ovarian failure type 6. [provided by RefSeq, Sep 2009]

Product images:



Coomassie blue staining of purified FIGLA protein (Cat# [TP312562]). The protein was produced from HEK293T cells transfected with FIGLA cDNA clone (Cat# [RC212562]) using MegaTran 2.0 (Cat# [TT210002]).