

## Product datasheet for PH305687

### AGFG2 (NM\_006076) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AGFG2 MS Standard C13 and N15-labeled recombinant protein (NP_006067)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205687
Predicted MW:	48.9 kDa
Protein Sequence:	>RC205687 protein sequence Red=Cloning site Green=Tags(s)

MYMAAKKGPGGVSGGKAEAEAASEVWCRRVRELGGCSQAGNRHCFECAQRGVTYVDITVGSFVCTTC  
SGLLRGLNPPHRVKSISMSTTFTEPEVVFLQSRGNEVCRKIWLGLFDARTSLVPDSRDPQKVKEFLQEKYE  
KKRWYVPPDQVKGPTYTKGSASTPVQGSIPGKPLRLLGDPAPSLSVAASTSSQPVSQSHARTSQARST  
QPPHSSVKKASTDLLADIGGDPFAAPQMAPAF AAFPAGGQTPSQGGFANFADFSSGPSSSVFGLP  
GQASFAQPTPAGSSQGTPTFGATPLAPASQPNLADVGSFLGPGVPAAGVPSSLFGMAGQVPLQSVTTG  
GGGGSSTGLAFGAFTNPF TAPAAQSPLPSTNPFQPNGLAPGPGFMSSAGPFPQAVPPTGAFASSFPAP  
LFPPQTPLVQQNGSSFGLDLSAKLGQRPLSQPAGISTNPFMTGPSSSPFASKPPTNPF

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- <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:	<u>NP_006067</u>
RefSeq Size:	4821
RefSeq ORF:	1443
Synonyms:	HRBL; RABR



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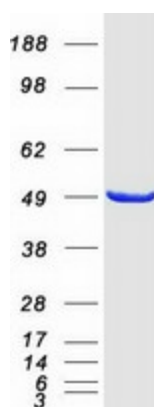
Locus ID: 3268

UniProt ID: [O95081](#), [A4D2D6](#)

Cytogenetics: 7q22.1

**Summary:** This gene is a member of the HIV-1 Rev binding protein (HRB) family and encodes a protein with one Arf-GAP zinc finger domain, several phe-gly (FG) motifs, and four asn-pro-phe (NPF) motifs. This protein interacts with Eps15 homology (EH) domains and plays a role in the Rev export pathway, which mediates the nucleocytoplasmic transfer of proteins and RNAs. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Feb 2013]

### Product images:



Coomassie blue staining of purified AGFG2 protein (Cat# [TP305687]). The protein was produced from HEK293T cells transfected with AGFG2 cDNA clone (Cat# [RC205687]) using MegaTran 2.0 (Cat# [TT210002]).