

## Product datasheet for PH317706

### TRIM58 (NM\_015431) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TRIM58 MS Standard C13 and N15-labeled recombinant protein (NP_056246)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217706
Predicted MW:	54.6 kDa
Protein Sequence:	>RC217706 representing NM_015431 Red=Cloning site Green=Tags(s)

MASAPGERLREDARCPVCLDFLQEPVSVDCGHSFCLRCISEFCEKSDGAQGQGVYACPQCRGPFPRPSGFR  
PNRQLAGLVESVRRRLGLGAGPGARRCARHGEDLSRFCEEDEAALCWYCDAGPEHRTHRTAPLQEAAGSYQ  
VKLQMALELMRKELEDALTQEANVGKKTIVWKEKVEMQRQRFLEFEKHRGFLAQEEQRQLRRLEAEERA  
TLQRLRESKSRLVQQSKALKELADELQERCQRPALGLLEGVRGBLSRSKAVTRLEAENIPMELKTACCIP  
GRRELLRKFQVDVKLDPATAHPSLLLADLRSVQDGEPRDVPNNPERFDTWPCILGLQSFSSGRHYWEV  
LVGEGAEWGLGVCQDTLPRKGETTPSPENGVWALWLLKGNEYMVLASPSVPLLQLESPRCIGIFLDYEAG  
EISFYNVTDGSYIYTFNQLFSGLLRPYFFICDATPLILPPTTIAGSGNWSRDHLDPASDVRDDHL

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- <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><a href="#">NP_056246</a></u>
RefSeq Size:	2594
RefSeq ORF:	1458
Synonyms:	BIA2



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Locus ID: 25893

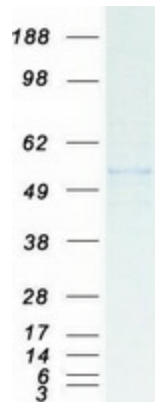
UniProt ID: [Q8NG06](#)

Cytogenetics: 1q44

**Summary:** E3 ubiquitin ligase induced during late erythropoiesis. Directly binds and ubiquitinates the intermediate chain of the microtubule motor dynein (DYNC1LI1/DYNC1LI2), stimulating the degradation of the dynein holoprotein complex. May participate in the erythroblast enucleation process through regulation of nuclear polarization.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified TRIM58 protein (Cat# [TP317706]). The protein was produced from HEK293T cells transfected with TRIM58 cDNA clone (Cat# [RC217706]) using MegaTran 2.0 (Cat# [TT210002]).