

Product datasheet for PH302934

MURF2 (TRIM55) (NM_184086) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TRIM55 MS Standard C13 and N15-labeled recombinant protein (NP_908974)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202934
Predicted MW:	50.8 kDa
Protein Sequence:	>RC202934 protein sequence Red=Cloning site Green=Tags(s)

MSASLNYSFSKEQQTMDNLEKQLICPICLEMFTKPVVILPCQHNLCRKSCASDIFQASNPYLPTRGTTM
ASGGRFRCPSRHEVVLDRHGVYGLQRNLLVENIIDIIYKQESTRPEKKSQPMCEEHEEERINIIYCLNCE
VPTCSLCKVFGAHKDCQVAPLTHVFQRQKSELSGIAILVGSNDRVQGVISQLEDTKTIEECCRKQKQE
LCEKFDYLYGILEERKNEMTQVITRTQEEKLEHVRALIKKYSDHLENVSKLVESGIQFMDEPEMAVFLQN
AKTLLKKISEASKAFQMEKIEHGYENMNHFTVNLNREEKIIREIDFYREDEDEEEEGGEGEKEGEGEVG
GEAVEVEEVENVQTEFPGEDENPEKASELSQVELQAAPGALPVSSPEPPPALPPAADAPVTQIGFEAPPL
QGQAAAPASGSGADSEPARHIFSF SWLNSLNE

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_908974
RefSeq Size:	2483
RefSeq ORF:	1356
Synonyms:	MURF-2; muRF2; RNF29



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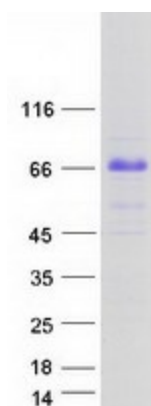
Locus ID: 84675

UniProt ID: [Q9BYV6](#), [Q9BYV6-2](#)

Cytogenetics: 8q13.1

Summary: The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified TRIM55 protein (Cat# [TP302934]). The protein was produced from HEK293T cells transfected with TRIM55 cDNA clone (Cat# [RC202934]) using MegaTran 2.0 (Cat# [TT210002]).