TRIM2 Protein, Human (GST)

Cat. No.:	HY-P701502
Synonyms:	TRIM2; Tripartite motif-containing protein 2; E3 ubiquitin-protein ligase TRIM2; RING finger protein 86; RING-type E3 ubiquitin transferase TRIM2
Species:	Human
Source:	E. coli
Accession:	Q9C040 (A2-Q744)
Gene ID:	23321
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	TRIM2, an UBE2D1-dependent E3 ubiquitin-protein ligase, serves as a mediator for the ubiquitination of NEFL and phosphorylated BCL2L11. Beyond its role in ubiquitin ligase activity, TRIM2 exhibits a neuroprotective function and may contribute to neuronal rapid ischemic tolerance. Furthermore, it plays a crucial role in antiviral immunity and acts as a restrictor of New World arenavirus infection, emphasizing its multifaceted involvement in cellular processes beyond ubiquitin-mediated protein degradation.

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