

Recombinant Human TRIM11 Protein (267-468 aa), His-SUMO-tagged

Cat. No. TRIM11-1107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human TRIM11 Protein (267-468 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.

Species

Human

Source

E.coli

ProteinLength

267-468 aa

Description

E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX. Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis. May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences. May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal degradation pathway. Mediates MED15 ubiquitination leading to proteasomal degradation. May contribute to the innate restriction of retroviruses. Upon overexpression, reduces HIV-1 and murine leukemia virus infectivity, by suppressing viral gene expression. Antiviral activity depends on a functional E3 ubiquitin-protein ligase domain. May regulate TRIM5 turnover via the proteasome pathway, thus counteracting the TRIM5-mediated cross-species restriction of retroviral infection at early stages of the retroviral life cycle.

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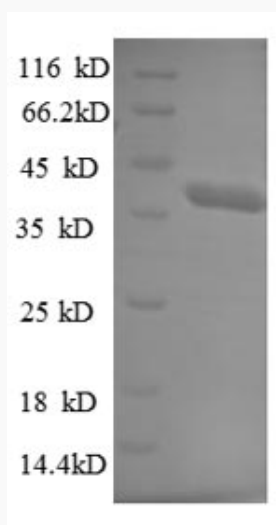
Form	Tris-based buffer, 50% glycerol
Molecular Mass	38.5 kDa
AA Sequence	MELRTVCRVPGLVETLRRFRGDVTLDPDTANPELILSEDRRSVQRGDLRQALPDSP ERFDPGPCVLGQERFTSGRHYWEVEVGDRTSWALGVCRENVNRKEKGELSAGNG FWILVFLGSYYNSSERALAPLRDPPRRVGIFLDYEAGHLSFY SATDG SLLFIFPEIPFS GTLRPLFSPLSSSPTPMTICRPKGGSGDTLAPQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	TRIM11 tripartite motif containing 11 [Homo sapiens]
Official Symbol	TRIM11
Synonyms	TRIM11; BIA1; RNF92;
Gene ID	81559

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mRNA Refseq	NM_145214
Protein Refseq	NP_660215
MIM	607868
UniProt ID	Q96F44



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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