

## 32-8323: Recombinant Human Tripartite Motif-Containing Protein 5/TRIM5/RNF88 (N-6His)

**Gene :** TRIM5  
**Gene ID :** 85363  
**Uniprot ID :** Q9C035

### Description

Source: E. coli.  
MW :30.8kD.

Recombinant Human TRIM5 is produced by our E.coli expression system and the target gene encoding Met1-Gln248 is expressed with a 6His tag at the N-terminus. Tripartite motif-containing Motif 5 is a protein that in humans is encoded by the TRIM5 gene. It is a 493 amino acids protein that belongs to the TRIM/RBCC family. It contains 1 B box-type zinc finger, 1 B30.2/SPRY domain and 1 RING-type zinc finger. TRIM5 present in the cytoplasm recognizes motifs within the capsid proteins and interferes with the uncoating process, therefore preventing successful reverse transcription and transport to the nucleus of the viral genome. The exact mechanism of action has not been shown conclusively, but capsid protein from restricted viruses is removed by proteasome-dependent degradation

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHSSGLVPRGSHMASGILVNVKEEVTCPICLELLTQPLSLDCGHSFCQACLTANHHKKSMLDKGES  
SCPVCRISYQPENIRPNRHVANIVEKLRVKSPEGQKVDHRCARHGKLLLFQEDGKVICWLCERSQEHRGHH  
TFLTEEVAREYQVKLQAALEMLRQKQQAEELEADIREEKASWKTQIQYDKTNVLADFEQLRDILDWEESNELQ  
NLEKEEEDILKSLTNSSETEMVQQTQSLRELISDLEHRLQGSVMELLQ

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.