

# Human SPG21 Recombinant Protein



RPPB4803

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## Product Information    Protein Information

**Product SKU:**

RPPB4803

**Accession:**

Q9NZD8

**Host:**

Escherichia Coli.

**Protein description:**

SPG21 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 328 amino acids (1-308 a.a.) and having a molecular mass of 94.4 kDa. SPG21 is expressed with a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

MAST, ACP33, GL010, BM-019, MASPARDIN, SPG21, Spastic paraplegia 21 autosomal recessive Mast syndrome protein, Acid cluster protein 33.

**Formulation:**

The SPG21 protein solution contains 20mM Tris-HCl, pH-8.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGEIKVSPDY NWFRGTVPLK KIVDDDDSK IWSLYDAGPR SIRCLIFLP  
PVSGTADVFF RQILALTGWG YRVIALQYPV YWDHLEFCDG FRKLLDHLQL DKVHLFGASL GGFLAQKFAE  
YTHKSPRVHS LILCNSFSDT SIFNQTWTAN SFWLMPAFML KKIVLGNFSS GPVDPMMADA IDFMVDRLES  
LGQSELASRL TLNCQNSYVE PHKIRDIPVT IMDVFDQSAL STEAKEEMYK LYPNARRAHL KTGGNFPYLC  
RSAEVNLYVQ IHLLQFHGTK YAAIDPSMVS AEELEVQKGS LGISQEEQ.