



Product Datasheet

Product Name	Autophagy Related 5 Human Recombinant
Cata No	CB501071
Source	<i>Escherichia Coli.</i>
Synonyms	Autophagy protein 5, APG5-like, Apoptosis-specific protein, ATG5, ASP, APG5, APG5L, hAPG5.

Description

Mammalian cells undergoing apoptosis express high levels of APG5L (or ASP) protein relatively late in the apoptotic process. APG5L protein contains a high number of acidic residues, a potential glycosylation site, and potential casein kinase II, protein kinase C, and tyrosine kinase sites. Autophagy Protein 5 Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain having a molecular weight of 31.6 kDa.

APG5 contains T7 tag at N-terminus and is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Formulation

APG5 at a concentration of 0.1mg/ml containing 10mM Tris, pH 8.0, 0.01% Triton X-100 and 0.002% NaN₃ and 10mM DTT.

Stability

APG5 although stable at 4°C for 1 week, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Applications

- ELISA
- MS
- Western Blotting