



Product Datasheet

Product Name	Assembly Protein Complex 2 Human Recombinant
Cata No	CB501068
Source	<i>Escherichia Coli.</i>
Synonyms	AP-2 complex subunit mu-1, Adaptin-mu2, AP-2 mu-2 chain, Clathrin coat assembly protein AP50, Clathrin coat-associated protein AP50, Plasma membrane adaptor AP-2 50 kDa protein, HA2 50 kDa subunit, Clathrin assembly protein complex 2 medium chain, AP2M1, mu2, AP50, CLAPM1, KIAA0109.

Description

AP2M1 is a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. This protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. It may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein.

Assembly Protein Complex 2 Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing amino acids (1-435) and having a total molecular mass of 50 kDa. AP2M1 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

AP2M1 at a concentration of 0.1mg/ml containing 10mM Tris, pH 8.0, 0.1% Triton X-100 and 0.002% NaN₃.

Stability

AP2M1 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