

RPPB4525

Product Information Protein Information

Product SKU:

RPPB4525

Host:

Escherichia Coli.

Protein description:

Recombinant Rat Receptor Associated Protein produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids and having a molecular mass of 38,862 Dalton. The Recombinant RAP Rat contains 6xHis tag and 1xC-myc, RAP Rat is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Receptor Associated Protein, RAP.

Formulation:

The protein (1mg/ml) was lyophilized after from a sterile solution containing TBS pH-7.5, 0.1% BSA and 0.09% NaN₃.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized RAP Rat in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized RAP Rat although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution RAP Rat should be stored at 4°C between 2-7 days and for future use 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.

Amino Acid Sequence:

MAPLRDRVSTLPRLQLLVLLLLPLLLVPOPIAGHGGKYSREKNEPEMAAKRESGEEFRME
KLNQLWEKAKRLHLSVPVRLAELHSDLKIQERDELNWKKLKVEGLDGDGEKEAKLVHNLNV
ILARYGLDGRKDTQTVHSNALNEDTQDELGDPRLKELWHKAKTSGKFSSEELDKLWREFL
HYKEKIHEYNVLLDLSRAEEGYENLLSPSDMTHIKSDTLASKHSELKDLRLRSINQGLDR
LRKVSHQGYGPATEFEPRVIDLWDLAQSANFTEKELESFRELKHFEEKIEKHNNHYQKQ
LEISHQKLKHVESIGDPEHISRNKEKYVLLLEKTKELGYKVKKHLQLDLSSRVSRARHNEL.