

Receptor Associated Recombinant Protein | rRAP recombinant protein

Recombinant Rat Receptor Associated Protein

CATALOG #
AAA38449

HOST
E Coli

PRODUCT SYNONYMS

Receptor Associated; Recombinant Rat Receptor Associated Protein; RAP Rat; Receptor Associated Protein Rat Recombinant; Receptor Associated Protein; RAP; rRAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein (1mg/ml) was lyophilized after from a sterile solution containing TBS pH-7.5, 0.1% BSA and 0.09% NaH ₂ PO ₄ . Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MAPLRDRVST LPRLQLLVLL LLPLLLVPQP IAGHGGKYSR EKNEPEMAAK RESGEEFRME KLNQLWEKAK RLHLSPVRLA ELHSDLKIQE RDELNWKKLK VEGLDGDGEK EAKLVHNLNV ILARYGLDGR KDTQTVHSNA LNEDTQDELG DPRLEKLWHK AKTSGKFSSE ELDKLWREFL HYKEKIHEYN VLLDTLSRAE EGYENLLSPS DMTHIKSDTL ASKHSELKDR LRSINQGLDR LRKVSHQGYG PATEFEEPRV IDLWDLAQSA NFTEKELESF REELKHFEAK IEKHNHYQKQ LEISHQKLKH VESIGDPEHI SRNKEYVLL EEKTKELGK VKKHLQDLSS RVSRRARHNEL
Sequence Length	671
Special Note	Ligand binding to RAP is Ca ²⁺ dependent and e.g. lipid receptors can be released from RAP by a buffer containing 10mM EDTA. Furthermore, buffers containing phosphate should be avoided (it would form precipitates with Ca ²⁺).
Solubility	It is recommended to reconstitute the lyophilized RAP Rat in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized RAP Rat although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution RAP Rat should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for rRAP recombinant protein	Recombinant Rat Receptor Associated Protein produced in E Coli is a single, non-glycosylated polypeptide chain 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.
Product Categories/Family for rRAP recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	30685105
NCBI GeneID	817747

NCBI Accession #	NP_850176.1
NCBI GenBank Nucleotide #	NM_179845.3
NCBI Official Full Name	protein RAP
NCBI Official Symbol	RAP
NCBI Official Synonym Symbols	ATRAP; F20M17.7; F20M17_7; RAP
NCBI Protein Information	protein RAP
UniProt Protein Name	At2g31890/F20M17.7
UniProt Gene Name	RAP
UniProt Entry Name	Q8VZE7_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rap-recombinant-protein-e-coli/38449>