

Product datasheet for **AR09783PU-N**

RAC3 (1-189) Human Protein

Product data:

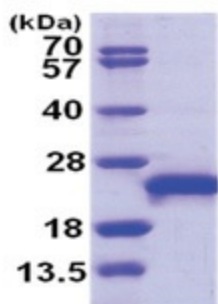
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|-----------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | RAC3 (1-189) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Predicted MW: | 21 kDa |
| Concentration: | lot specific |
| Purity: | >95% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 200mM NaCl, 0.1mM PMSF, 1mM EDTA |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human RAC3 protein was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_001303236 |
| Locus ID: | 5881 |
| Cytogenetics: | 17q25.3 |
| Summary: | The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015] |
| Protein Families: | Druggable Genome |



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Protein Pathways:

Adherens junction, Axon guidance, B cell receptor signaling pathway, Colorectal cancer, Fc epsilon RI signaling pathway, Focal adhesion, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Pancreatic cancer, Pathways in cancer, Regulation of actin cytoskeleton, VEGF signaling pathway, Viral myocarditis, Wnt signaling pathway

Product images:

15% SDS-PAGE (3ug)