Product datasheet

RAP, rat recombinant, 500 µg

Short overview

Cat. No.	62321
Quantity	500 µg

Product description

Source	Rat, recombinant (his:RAP:c-myc fusion protein)
Molecular Weight	40 kDa
Purity	> 95% (determined by SDS gelelectrophoresis)
Reconstitution	When reconstituted with 500 l distilled water, solution will contain 1 mg/ml rat RAP protein in TBS, pH 7.5, 0.1% BSA, 0.09% NaN3.
Application	Protein standard in 1D and 2D SDS gelelectrophoresis, immunoblotting and receptor-binding studies
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	Research use only

Background

Protein standard for immunoblotting, immunization, immunoassay and receptor-binding studies. Sequence highly homolog with human RAP. Rat his:RAP:c-myc fusion protein. Ligand binding to RAP is Ca2+ dependent and e.g. lipid receptors can be released from RAP by a buffer containing 10 mM EDTA (Bajari et al. 2005). Furthermore, buffers containing phosphate should be avoided (it would form precipitates with Ca2+).

Product images



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References

Publication	Species	Application
Hayashi, H. Glial Lipoproteins Stimulate Axon Growth of Central Nervous System Neurons in Compartmented Cultures. 1â€“4 (2004).		
Bajari, T. M. et al. A Minimal Binding Domain of the Lew Density Lipoprotein Receptor Family. 379, 1053â€“1062 (1998).		