



Recombinant Human RP2 Protein [GST] (DAG-WT1142)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the human RP2 (a.a.1-350) was expressed with GST-tag at the N-terminus
Purity	> 90% as determined by SDS-PAGE
Conjugate	GST
Applications	N/A
Molecular Weight	64 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH8.0
Preservative	None
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Acts as a GTPase-activating protein (GAP) involved in trafficking between the Golgi and the ciliary membrane. Involved in localization of proteins, such as NPHP3, to the cilium membrane by inducing hydrolysis of GTP ARL3, leading to the release of UNC119 (or UNC119B). Acts as a GTPase-activating protein (GAP) for tubulin in concert with tubulin-specific chaperone C, but
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does not enhance tubulin heterodimerization. Acts as guanine nucleotide dissociation inhibitor towards ADP-ribosylation factor-like proteins.

Keywords	Protein XRP2; RP2
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GENE INFORMATION

UniProt ID	AAH43348
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