

D4-GDI, human recombinant protein**D4-GDI, D4GDI, Rho GDP dissociation inhibitor (GDI) α** **Catalog # PBV10422r****Specification**

D4-GDI, human recombinant protein - Product info

Primary Accession	P52565
Concentration	0.1
Calculated MW	54 kDa KDa

D4-GDI, human recombinant protein - Additional Info

Gene ID	396
Gene Symbol	ARHGDIA
Other Names	
D4-GDI, D4GDI, Rho GDP dissociation inhibitor (GDI) α	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; $\geq 90\%$
Assay2&Purity2	HPLC; $\geq 90\%$
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; Sterile filtered liquid (100 μ g/ml) in 50mM Tris-Acetate, pH 7.5, 1mM EDTA, 20% Glycerol.

D4-GDI, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

D4-GDI, human recombinant protein - Images**D4-GDI, human recombinant protein - Background**

D4-GDI belongs to the family of rho-GDI or GDP-dissociation inhibitors for the Rho/Rac family of small G proteins; consisting of rhoGDI-1, D4-GDI/rhoGDI-2 and rhoGDI-3. It inhibits the release of GDP from the Rho proteins, essential for GTP-loading and activation of GTPase activity. D4-GDI is located in the cytoplasm and is involved in the regulation of the membrane association and

dissociation cycle of Rho/Rac proteins. It is known to be a substrate for caspase 3 during Fas-mediated apoptosis.