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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; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes

Format
Liquid

Storage
-20°C; Sterile filtered liquid (100 µg/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 Cytomety
- 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.