

Product datasheet

Recombinant Human D4 GDI protein ab124592

1 Image

Overview

Product name	Recombinant Human D4 GDI protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P52566
Species	Human

Sequence	<p>MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAI PQID KYLKSSKYA WPLQGWQATF GGDHPPKSD LVPRGSHMTE KAPEPHVEED DDELD SKLN YKPPQKSLK ELQEMDKDDE SLIKYKKTLL GDGPVVTDPK APNVV VTRLT LVCESAPGPI TMDLTGDLEA LKKETIVLKE GSEYRVKIHF KVN RDIVSGL KYVQHTYRTG VKVDKATFMV GSYGPRPEEY EFLTPVEEAP KGMLARGTYH NKSFF TDDDK QDHLSWEWNL SIKKEWTE</p>
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Molecular weight	49 kDa including tags
Amino acids	1 to 201

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124592** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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Purity	> 90 % SDS-PAGE. ab124592 is purified using conventional chromatography techniques.
Form	Liquid

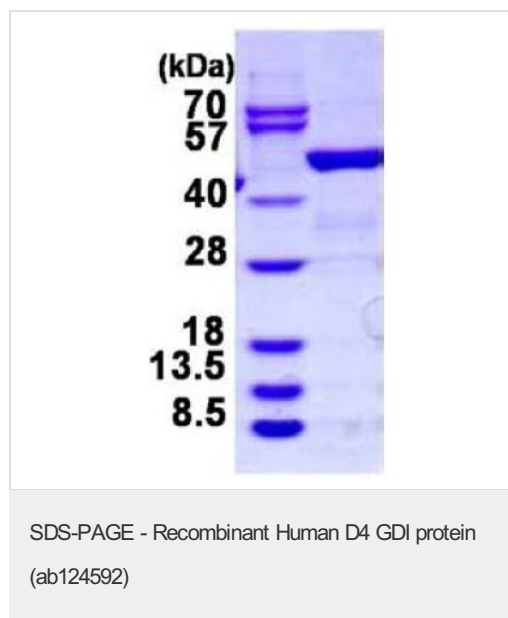
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 7.40 Constituents: 89% PBS, 10% Glycerol
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General Info

Function	Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them (PubMed:8356058, PubMed:7512369). Regulates reorganization of the actin cytoskeleton mediated by Rho family members (PubMed:8262133).
Tissue specificity	Detected in bone marrow, thymus and spleen.
Sequence similarities	Belongs to the Rho GDI family.
Cellular localization	Cytoplasm, cytosol.

Images



15% SDS-PAGE showing ab124592 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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