Datasheet for ABIN7596132

FOLR2 Protein (AA 22-230) (His tag)

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Overview

Quantity:	250 µg
Target:	FOLR2
Protein Characteristics:	AA 22-230
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FOLR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

Product Details

Sequence:	QDRTDLLNVC MDAKHHKTKP GPEDKLHDQC SPWKKNACCT ASTSQELHKD TSRLYNFNWD HCGKMEPACK RHFIQDTCLY ECSPNLGPWI QQVNQSWRKE RFLDVPLCKE DCQRWWEDCH TSHTCKSNWH RGWDWTSGVN KCPAGALCRT FESYFPTPAA LCEGLWSHSY KVSNYSRGSG RCIQMWFDSA QGNPNEEVAR FYAAAMHVN
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)
Biological Activity Comment:	Measured by its binding ability in a functional ELISA with Folic Acid-BSA. The ED50 range ≤ 5 ug/ml.

Target Details

Target:	FOLR2
Alternative Name:	FOLR2 (FOLR2 Products)
Background:	FOLR2, also known as Folate receptor beta, is a member of the folate receptor (FLOR) family. Members of this gene family have a high affinity for folate and folic acid analogs at neutral pH . And they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. It was originally thought to exist only in placenta, but is also expressed in placenta, cells of the neutrophilic lineage, and some CD34+ hematopoietic progenitor cells. FOLR2 is also upregulated on macrophages and monocytes at chronic inflammatory sites including rheumatoid arthritis synovium and glioblastoma. Recombinant human FOLR2, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	25.1 kDa (215aa)
NCBI Accession:	NP_000794
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.