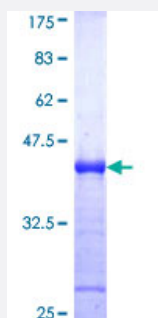


MCPH1 (Human) Recombinant Protein (Q01)

Catalog # H00079648-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MCPH1 partial ORF (NP_078872, 399 a.a. - 487 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ATSSCVTSAPEEALRCCRQAGKEDACPEGNGFSYTIEDPALPKGHDDDLTPLEGSLEEMKEAV GLKSTQNKGTTSKISNSSEGEAQSEH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (51); Rat (51)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MCPH1

Entrez GeneID	79648
GeneBank Accession#	NM_024596
Protein Accession#	NP_078872
Gene Name	MCPH1
Gene Alias	BRIT1, FLJ12847, MCT
Gene Description	microcephalin 1
Omim ID	251200 606858 607117
Gene Ontology	Hyperlink
Gene Summary	primary autosomal recessive 1
Other Designations	BRCT-repeat inhibitor of TERT expression 1 microcephalin microcephaly, primary autosomal recessive 1

Disease

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- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
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- [Mental Retardation](#)
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