

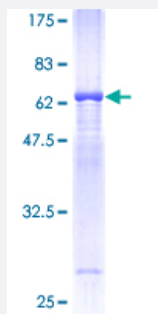
Full-Length

MAPRE2 (Human) Recombinant Protein (P01)

Catalog # H00010982-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAPRE2 full-length ORF (NP_055083.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPGPTQTLSPNGENNNDIIQDNNGTIIPFRKHTVRGERSYSWGMVNVYSTSITQETMSRHDIAWV
NDIVSLNYTKVEQLCSGAAVCQFMDMLFPGCISLKKVKFQAKLEHEYIHNFKLLQASFKRMNVDK
VIPVEKLVKGRFQDNLDIFIQWFKKFYDANYDGKEYDPVEARQQQDAIPPPDPGEQIFNLPKKSHH
ANSPTAGAAKSSPAAPGSGTPSRPSSAKRASSSGSASKSDKDLETQVIQLNEQVHSLKLALEGV
EKERDFYFGKLREIELLCQEHGQENDDLQRLMDILYASEEHGHTPEEAEQAHEQQPPQQE
EY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.6

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 — MAPRE2

Entrez GeneID [10982](#)

GeneBank Accession# [NM_014268.1](#)

Protein Accession# [NP_055083.1](#)

Gene Name MAPRE2

Gene Alias EB1, EB2, RP1

Gene Description microtubule-associated protein, RP/EB family, member 2

Omim ID [605789](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. The function of this protein is unknown; however, its homology suggests involvement in tumorigenesis of colorectal cancers and proliferative control of normal cells. This gene may belong to the intermediate/early gene family, involved in the signal transduction cascade downstream of the TCR. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations APC-binding protein EB1|T-cell activation protein, EB1 family

Disease

- [Tobacco Use Disorder](#)