

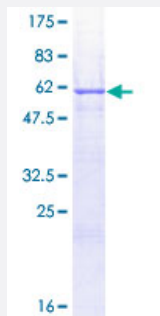
Full-Length

EPCAM (Human) Recombinant Protein (P01)

Catalog # H00004072-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EPCAM full-length ORF (AAH14785.1, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPPQVLAFLGLLAAATATFAAAQEECV CENYKLAVNCFVNNNRQCQCTSVGAQNTVICSKLAA
KCLVMKAEMNGSKLGRRAKPEGALQNDGLYDPDCDESGLFKAKQCNGTSMCWCVNTAGVR
RTDKDTEITCSEVRTYWIIILKHKAREKPYDSKSLRTALQKEITTRYQLDPKFITSILYENNVITIDL
VQNSSQKTQNDVDIADVAYYFEKDVKGESLFHSHKMDLTVNGEQLDLDPGQTLIYYVDEKAPEFSM
QGLKAGVIAVIVVVVIAVVAGIVVLVISRKKRMAKYEKAEIKEMGEMHRELNA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.17

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 — EPCAM

Entrez GeneID	4072
GeneBank Accession#	BC014785.1
Protein Accession#	AAH14785.1
Gene Name	EPCAM
Gene Alias	17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA733-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP1, hEGP-2
Gene Description	epithelial cell adhesion molecule
Omim ID	185535
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq]
Other Designations	adenocarcinoma-associated antigen carcinoma-associated antigen GA733-2 human epithelial glycoprotein-2 membrane component, chromosome 4, surface marker (35kD glycoprotein) tumor-associated calcium signal transducer 1

Disease

- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)