

Full-Length

DEPC-1 (Human) Recombinant Protein (P01)

Catalog # H00221120-P01

Size 10 ug, 25 ug

Applications

Specification

Product Description	Human DEPC-1 full-length ORF (AAH15155, 1 a.a. - 139 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEPNPHWHPVLRTLKNRIEENTGHTFNSLLCNLYRNEKDSVDWHSDDPEPSLGRCPIIASLSFGAT RTFEMRKKPPPEENGDTYVERVKIPLDHGTLIMEGATQADWQHRVPKEYHSREPRVNLTFRTV YPDPRGAPW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.03
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 — ALKBH3

Entrez GeneID [221120](#)

GeneBank Accession# [BC015155](#)

Protein Accession# [AAH15155](#)

Gene Name ALKBH3

Gene Alias ABH3, DEPC-1, DEPC1, MGC118790, MGC118792, MGC118793, PCA1

Gene Description alkB, alkylation repair homolog 3 (E. coli)

Omim ID [610603](#)

Gene Ontology [Hyperlink](#)

Gene Summary The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM]

Other Designations alkB, alkylation repair homolog 3|prostate cancer antigen-1

Disease

- [Kidney Failure](#)