

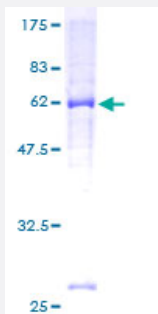
Full-Length

PIPOX (Human) Recombinant Protein (P01)

Catalog # H00051268-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PIPOX full-length ORF (AAH08960, 48 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

SHGQSRIIRKAYLEDFYTRMMHECYQIWAQLEHEAGTQLHRQTGLLLLGMKENQELKTIQANLSRQ
RVEHQCLSSEELKQRFNIRLPRGEVGLLDNSGGVIYAYKALRALQDAIRQLGGVRDGEKVVEINP
GLLVTVKTTSRSYQAKSLVITAGPWTNQLLRPLGIEMPLQTLRINVCYWREMPGSYGVSQAFFPCF
LWLGLCPHHIYGLPTGEYPGLMKVSYHHGNHADPEERDCPTARTDIGDVQILSSFVRDHLPLDKP
EPAVIESCMYTNTPDEQFILDRHPKYDNIVIGAGFSGHGFKLAPVVGKILYELSMKLTPSYDLAPFRI
SRFPSLGKAHL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.25

Interspecies Antigen Sequence

Mouse (81); Rat (79)

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 — PIPOX

Entrez GeneID[51268](#)**GeneBank Accession#**[BC008960](#)**Protein Accession#**[AAH08960](#)**Gene Name**

PIPOX

Gene Alias

LPIPOX

Gene Description

pipecolic acid oxidase

Gene Ontology[Hyperlink](#)**Other Designations**

L-pipecolic acid oxidase

Pathway

- [Glycine](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)