

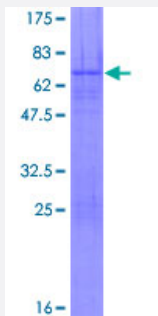
Full-Length

OTP (Human) Recombinant Protein (P01)

Catalog # H00023440-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human OTP full-length ORF (NP_115485.1, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLSHADLLDARLGMKDAAELLGHREAVKCR LGVGGSDPGGHPGDLAPNSDPVEGATLLPGEDI
TTVGSTPASLAVSAKDPDKQPGPQQGPNPSQAGQQQGGQKQKRHRTRFTPAQLNELERSFAKT
HYPDIFMREELALRIGLTESRVQVWFQNRRAKWKKRKKTNNVFRAPGTLLPTPLPQFPSAAAAA
AAAMGDSLCSFHANDTRWAAAAMPGVSQLPLPPALGRQQAMAQSLSQCSLAAGPPPNSMGLS
NSLAGSNGAGLQSHLYQPAFPGMVPASLPGPSNVSGSPQLCSPDSSDVWRGTSIASLRKAL
EHTVSMSFT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.6

Interspecies Antigen Sequence

Mouse (100); Rat (100)

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 — OTP

Entrez GeneID[23440](#)**GeneBank Accession#**[NM_032109.2](#)**Protein Accession#**[NP_115485.1](#)**Gene Name**

OTP

Gene Alias

MGC3161

Gene Description

orthopedia homeobox

Omim ID[604529](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the homeodomain (HD) family. HD family proteins are helix-turn-helix transcription factors that play key roles in the specification of cell fates. This protein may function during brain development. [provided by RefSeq]

Other Designations

orthopedia homolog