

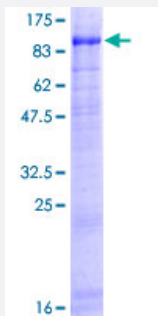
Full-Length

USP44 (Human) Recombinant Protein (P01)

Catalog # H00084101-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human USP44 full-length ORF (AAH30704.1, 1 a.a. - 712 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLAMDTCKHVGQLQLAQDHSSLNPQKWHCVDCNTTESIWACLSCSHVACGRYIEEHALKHFQE
SSHPVALEVNEMYVFCYLCDDYVLNDNATGDLKLLRRTLSAIKSQNYHCTTRSGRFLRSMGTGDD
SYFLHDGAQSLLQSEDQLYTALWHRRLMGKIFRTWFEQSPIGRKKQEEPQEKMVVKREVKKRR
QELEYQVKAELSMPPRKSLRLQGLAQSTIIEVSVQVPAQTPASPAKDKVLSTSENEISQKVSDS
SVKRRPMTPTGVTGLRNLGNTCYMNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRSCKHPP
VTDTVVYQMNECQEKDTGFVCSRQSSLSGLSGGASKGRKMELIQPKEPTSQYSLCHELHTLFQ
VMWSGKWALVSPFAMLHSVWRLIPAFRGYAQQDAQEFLCELLDKIQRELETTGTSLPALIPTSQR
KLIKQVLNVVNNIFHGQLLSQVTCLACDNKSNTIEPFWDLSLEFPERYQCSGKDIASQPCLVTEML
AKFTETEALLEGKIYCDQCNSKRRRFSSKPVVLTEAQKQLMICHLPQVLRHLKRFWRWGRNNRE
KIGVHVGFEELNMEPYCCRETLKSLRPECFIYDLSAVVMHHGKGFGSGHYTAYCYNSEGGFWVH
CND SKLSMCTMDEVCKAQAYILFYTQRVTENGH SKLLPPELLLSQHPNEDADTSSNEILS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

107.6

Interspecies Antigen Sequence

Mouse (80)

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 — USP44

Entrez GeneID	84101
GeneBank Accession#	BC030704.1
Protein Accession#	AAH30704.1
Gene Name	USP44
Gene Alias	DKFZp434D0127, FLJ14528
Gene Description	ubiquitin specific peptidase 44
Omim ID	610993
Gene Ontology	Hyperlink
Gene Summary	Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP44 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM]
Other Designations	ubiquitin specific protease 44