

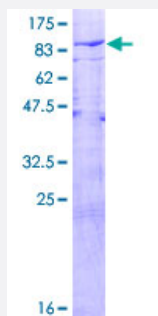
Full-Length

USP21 (Human) Recombinant Protein (P01)

Catalog # H00027005-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human USP21 full-length ORF (AAH90946.1, 1 a.a. - 565 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPQASEHRLGRTREPPVNIQPRVGSKLPAFAPRARSKERRNP GSGPNMLRPLPPRPGLPDERL
KKLELGRGRTSGPRPRGPLRADHGVPLPGSPPTVALPLPSRTNLARSKSVSSGDLRPMGIALG
GHRGTGELGAALSRLALRPEPPTLRRSTSLRRLGGFPGPPTLFSIRTEPPASHGSFHMISARSSEP
FYSDDKMAHHTLLLGS GHVGLRNLGNTCFLNAVLQCLSSTRPLRDFCLRRDFRQEVPGGGRAQE
LTEAFADVIGALWHPDSCEAVNPTRFRAVFQKYVPSFSGYSQQDAQEFLKLLMERLHLEINRRGR
RAPPILANGPVPSPRRGGALLEEPELSDDDRANLMWKRYLEREDSKMVDLFVGGQLKSCLKCQA
CGYRSTTFEVFCDLSLPIPKKGFAGGKVSRLDCFNLFTEKEELES ENAPVCDRCRQKTRSTKKLT
VQRFPRILVLHLNRF SASRGSIKKSSVGVD FPLQRLSLGDFASDKAGSPVYQLYALCNHSGSVHY
GHYALC RCQTGWHVYND SRVSPVSENQVASSEG YVLFYQLMQEPPRCL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89

Interspecies Antigen Sequence

Mouse (96); Rat (96)

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 — USP21

Entrez GeneID	27005
GeneBank Accession#	BC090946.1
Protein Accession#	AAH90946.1
Gene Name	USP21
Gene Alias	MGC3394, USP16, USP23
Gene Description	ubiquitin specific peptidase 21
Omim ID	604729
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants have been described. [provided by RefSeq]</p>

Other Designations

NEDD8-specific protease|deubiquitinating enzyme 21|ubiquitin carboxyl-terminal hydrolase 21|ubiquitin specific protease 21|ubiquitin thiolesterase 21|ubiquitin-specific processing protease 21|ubiquitin-specific protease 16|ubiquitin-specific protease 21
