

Recombinant Human USP18 protein, His-tagged

Cat. No. USP18-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP18 protein(1-372aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-372aa
Tag	N-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	47.1 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

```
MSKAFGLLRQICQSILAESSQSPADLEEKKEEDSNMKREQPRERPRAWDYPHGLVG
LHNIGQTCCLNLIQVFMNVDFTRILKRITVPRGADEQRRSVPFQMLLLEKMQDSR
QKAVRPLELAYCLQKCNVPLFVQHDAALYKLVNLIKQITDVHLVERLQALYTIRV
KDSLICVDCAMESSRNSSMLTLP LSLFDVDSKPLKTLEDALHCFFQPRELSSKSKCF
CENCGKKTRGKQVLKLT HLPQTLTIHLMRFSIRNSQTRKICHSLYFPQSLDFSQILPM
KRESCDAEEQSGGQYELFAVIAHVGMADSGHYCVYIRNAVDGKWFCFNDSNICLVS
WEDIQCTYGNPNYHWQETAYLLVYMKMEC
```

GENE INFORMATION

Gene Name [USP18 ubiquitin specific peptidase 18 \[Homo sapiens \]](#)

Official Symbol [USP18](#)

Synonyms USP18; ubiquitin specific peptidase 18; ubiquitin specific protease 18; ubl carboxyl-terminal hydrolase 18; hUBP43; ubl thioesterase 18; ubl thiolesterase 18; 43 kDa ISG15-specific protease; ISG15-specific-processing protease; ISG43; UBP43;

Gene ID [11274](#)

mRNA Refseq [NM_017414](#)

Protein Refseq [NP_059110](#)

MIM [607057](#)

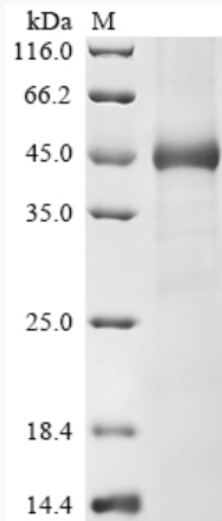
UniProt ID [Q9UMW8](#)

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SDS-PAGE



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