RP10202LQ
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Recombinant Human Ubiquitin carboxyl-terminal hydrolase 7/USP7 protein

Catalog No.: RP10202LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
sf9 insect cells	7874	Q93009

Tags
GST Tag

Synonyms
HAUSP; TEF1;USP7;TEF1

Product Information

Source	Purification
sf9 insect cells	≥ 90 % as determined by SDS-PAGE.

Endotoxin
Please contact us for more information.

Formulation
20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol

Reconstitution

Background

USP7 is a cysteine protease, belongs to the family of ubiquitin-specific proteases. USP7 was first discovered as a binding enzyme to the Herpes simplex viral protein. Studies have shown that USP7 could deubiquitinate the autoubiquitination of an E3 ligase called HDM2 that promotes ubiquitination and subsequent degradation of p53. The USP7/HDM2/p53 interaction results in higher protein levels of HDM2 and lower levels of p53. Because of its apparent role in different types of pathologies, including lung and liver cancer, it has become a possible target for drug therapies.

Basic Information

Description

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage
Store at -70℃. This product is stable at ≤ -70℃ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

Contact

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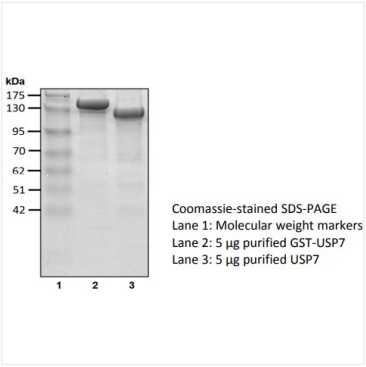
Validation Data



Recombinant Human Ubiquitin carboxyl-terminal hydrolase 7/USP7 protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.