

Recombinant Human USP6 Protein (K529-Q1406), GST tagged

Cat. No. USP6-0355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-GG-USP6(K529-Q1406 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	K529-Q1406
Description	Deubiquitinase with an ATP-independent isopeptidase activity, cleaving at the C-terminus of the ubiquitin moiety. Catalyzes its own deubiquitination. In vitro, isoform 2, but not isoform 3, shows deubiquitinating activity. Promotes plasma membrane localization of ARF6 and selectively regulates ARF6-dependent endocytic protein trafficking. Is able to initiate tumorigenesis by inducing the production of matrix metalloproteinases following NF-kappa-B activation.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	USP6 ubiquitin specific peptidase 6 (Tre-2 oncogene) [Homo sapiens (human)]
Official Symbol	USP6
Synonyms	USP6; ubiquitin specific peptidase 6 (Tre-2 oncogene); HRP1, ubiquitin specific protease 6 (Tre 2 oncogene); ubiquitin carboxyl-terminal hydrolase 6; TBC1D3 and USP32 fusion; Tre 2; Tre2; TRE17; ubiquitin carboxyl terminal hydrolase 6; tre-2 oncogene; proto-oncogene TRE-2; hyperpolymorphic gene 1; ubiquitin thioesterase 6; deubiquitinating enzyme 6; ubiquitin thiolesterase 6; ubiquitin specific peptidase 6-; ubiquitin-specific protease USP6; ubiquitin-specific-processing protease 6; ubiquitin specific protease 6 (Tre-2 oncogene); HRP1; TRE2; Tre-2; USP6-short;
Gene ID	9098
mRNA Refseq	NM_004505
Protein Refseq	NP_004496
MIM	604334
UniProt ID	P35125

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