Recombinant Human USP31, GST-tagged

Cat. No. USP31-710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP31 (1254 aa - 1352 aa) fused with GST-tag at N-terminal, was expressed in vitro wheat germ system.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of artherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.
Molecular Mass	36.63 kDa
Sequence	AGGSSVKSVCKNTGDDEAERGHQPPASQQPNANTTGKEQLVTKDPASAKHSLLSA RKSKSSQLDSGVPSSPGGRQSAEKSSKKLSSSMQTSARPSQKPQ
Purification	Glutathione Sepharose 4 Fast Flow
Storage buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage	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.
OfficialSymbol	USP31

GENE INFORMATION

Gene Name	USP31 ubiquitin specific peptidase 31 [Homo sapiens]
Synonyms	ubiquitin specific peptidase 31; ubiquitin carboxyl-terminal hydrolase 31; KIAA1203; ubiquitin specific proteinase 31; ubiquitin specific protease 31; ubiquitin thioesterase 31; Deubiquitinating enzyme 31; EC 3.4.19.12; Ubiquitin thiolesterase 31; EC 3.1.2.15; Ubiquitin-specific-processing protease 31; OTTHUMP00000120022
Gene ID	57478
mRNA Refseq	NM_020718
Protein Refseq	NP_065769
UniProt ID	Q70CQ4
Chromosome Location	16p12.2
Function	cysteine-type peptidase activity; peptidase activity; ubiquitin thiolesterase activity

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