

Recombinant Human HUWE1, GST-tagged

Cat. No. HUWE1-14016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HUWE1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-392a.a.
Description	This gene encodes a member of the HECT E3 ubiquitin ligase family. The HECT domain lies in the C-terminus and contains the active-site cysteine which forms an intermediate ubiquitin-thioester bond. E3 family members are divided into three subfamilies based on their protein-protein interaction domains; this gene encodes a member of the SI(ngle)-HECT E3 subfamily. In lung, breast, and colorectal carcinomas, this gene is highly expressed. Mutations in this gene has been found in 3 unrelated families with X-linked syndromic mental retardation, Turner type.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	HUWE1 HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	HUWE1
Synonyms	HUWE1; HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase; HECT, UBA and WWE domain containing 1; E3 ubiquitin-protein ligase HUWE1; Ib772; KIAA0312; UREB1; ARF-binding protein 1; URE-binding protein 1; BJ-HCC-24 tumor antigen; large structure of UREB1; HECT domain protein LASU1; Mcl-1 ubiquitin ligase E3; upstream regulatory element-binding protein 1; homologous to E6AP carboxyl terminus homologous protein 9; MULE; LASU1; HECTH9; URE-B1; ARF-BP1; HSPC272;
Gene ID	10075
mRNA Refseq	NM_031407
Protein Refseq	NP_113584
MIM	300697
UniProt ID	Q7Z6Z7
Chromosome Location	Xp11.22
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

DNA binding; acid-amino acid ligase activity; binding; ligase activity; protein binding; ubiquitin-protein ligase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA