Recombinant Human UBR2 cell lysate

Cat. No. UBR2-1876HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	Proteolysis by the ubiquitin-proteasome system controls the concentration of many regulatory proteins. The selectivity of ubiquitylation is determined by ubiquitin E3 ligases, which recognize the substrates destabilization signal, or degron. The E3 ligase UBR2 participates in the N-end rule pathway, which targets proteins bearing an N-terminal degron, or N-degron (Kwon et al., 2003 [PubMed 14585983]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	UBR2 ubiquitin protein ligase E3 component n-recognin 2 [Homo sapiens]
Official Symbol	UBR2
Synonyms	UBR2; ubiquitin protein ligase E3 component n-recognin 2; C6orf133, chromosome 6 open reading frame 133; E3 ubiquitin-protein ligase UBR2; bA49A4.1; dJ392M17.3; KIAA0349; ubiquitin-protein ligase E3-alpha-2; ubiquitin-protein ligase E3-alpha-II;

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	C6orf133; dJ242G1.1; RP3-392M17.3; FLJ36357; MGC71112; DKFZp686C08114;
Gene ID	23304
mRNA Refseq	NM_001184801
Protein Refseq	NP_001171730
MIM	609134
UniProt ID	Q8IWV8
Chromosome Location	6p21.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	leucine binding; ligase activity; metal ion binding; ubiquitin-protein ligase activity; zinc ion binding;

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