Active Recombinant Human UBA6, GST-tagged

Cat. No. UBA6-149H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBA6 (Accession # A0AVT1) , fused with an N-terminal GST (glutathione S-transferase) tag, was produced in Spodoptera frugiperda, Sf 9 (baculovirus)-derived.
Species	Human
Source	Sf9 Cells
Form	Supplied as a solution in HEPES and DTT.
Bio-activity	Recombinant Human GST-Ubiquitin E1 Enzyme (UBE1L2/UBA6) is a member of the Ubiquitin-activating (E1) enzyme family that is required for the first step of the enzymatic cascade that subsequently utilizes a Ubiquitin-conjugating (E2) enzyme and a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human GST-Ubiquitin E1 Enzyme (UBE1L2/UBA6) concentration of 50-200 nM.
Molecular Mass	Recombinant Human UBA6, GST-tagged has a calculated MW of 144 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	UBA6 ubiquitin-like modifier activating enzyme 6 [Homo sapiens]
Official Symbol	UBA6
Synonyms	UBA6; ubiquitin-like modifier activating enzyme 6; UBE1L2, ubiquitin activating enzyme E1 like 2; ubiquitin-like modifier-activating enzyme 6; FLJ10808; ubiquitin activating enzyme E1; monocyte protein 4; ubiquitin-activating enzyme 6; UBA6, ubiquitin-activating enzyme E1; ubiquitin-activating enzyme E1-like 2; ubiquitin-activating enzyme E1-like protein 2; E1-L2; MOP-4; UBE1L2; FLJ23367;
Gene ID	55236
mRNA Refseq	NM_018227
Protein Refseq	NP_060697
MIM	611361
UniProt ID	A0AVT1
Chromosome Location	4q13.2

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