

Active Recombinant Human UAF1 Protein, His-Tagged

Cat. No. UAF1-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UAF1 Protein, His-Tagged was expressed in sf21 cell
Species	Human
Source	Sf21 Cells
Description	The protein encoded by this gene has been shown to interact with ubiquitin specific peptidase 1 (USP1), activating the deubiquitinating activity of USP1 and allowing it to remove the ubiquitin moiety from monoubiquitinated FANCD2. FANCD2 is ubiquitinated in response to DNA damage.
Bio-activity	Recombinant Human UAF1 is an activator of Ubiquitin-specific deconjugating enzymes USP1, USP12, and USP46. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human UAF1 concentration equal to the concentration of deconjugating enzyme present (1:1 stoichiometry) in in vitro deconjugation reactions utilizing Ubiquitin-AMC.
Molecular Mass	77 kDa
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -70 °C as supplied. 3 months, -70 °C under sterile conditions after opening.

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Storage Buffer	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -70 °C as supplied. 3 months, -70 °C under sterile conditions after opening.
Shipping	The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name	WDR48 WD repeat domain 48 [Homo sapiens (human)]
Official Symbol	WDR48
Synonyms	P80; UAF1; Bun62; SPG60
Gene ID	57599
mRNA Refseq	NM_001303402.2
Protein Refseq	NP_001290331.1
MIM	612167
UniProt ID	Q8TAF3

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