

[Go to Product page](#)

Datasheet for ABIN7319150 **UBE2K Protein (SUMO Tag,His tag)**

Overview

Quantity:	50 µg
Target:	UBE2K
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2K protein is labelled with SUMO Tag,His tag.

Product Details

Purpose:	Recombinant Human HIP2/UBE2K Protein (His Tag, SUMO Tag)
Sequence:	Met 1-Asn200
Characteristics:	Recombinant Human Ubiquitin-Conjugating Enzyme E2 K is produced by our E.coli expression system and the target gene encoding Met1-Asn200 is expressed with a 6His, SUMO tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2K
Alternative Name:	HIP2/UBE2K (UBE2K Products)
Background:	Background: Ubiquitin-Conjugating Enzyme E2 K (UBE2K) belongs to the E2 Ubiquitin-Conjugating Enzyme family. UBE2K is highly expressed in the brain, with highest levels found in

Target Details

cortex and striatum, and at lower levels in cerebellum and brainstem. UBE2K may mediate foam cell formation by the suppression of apoptosis of lipid-bearing macrophages through ubiquitination and subsequent degradation of p53/TP53. UBE2K is associated with the selective degradation of short-lived and abnormal proteins, such as the endoplasmic reticulum-associated degradation (ERAD) of misfolded luminal proteins. In addition, UBE2K is involved in Alzheimer's disease, Huntington's disease and antigen processing through its interaction with huntingtin, and MHC-heavy chain proteins.

Synonym: Ubiquitin-Conjugating Enzyme E2 K, Huntingtin-Interacting Protein 2, HIP-2, Ubiquitin Carrier Protein, Ubiquitin-Conjugating Enzyme E2-25 kDa, Ubiquitin-Conjugating Enzyme E2(25K), Ubiquitin-Conjugating Enzyme E2-25K, Ubiquitin-Protein Ligase, UBE2K, HIP2, LIG

Molecular Weight: 34.5 kDa

UniProt: [P61086](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.