Recombinant Human SENP2 Protein

Catalog Number: PKSH033026

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Species	Human
Source	E.coli-derived Human SENP2 protein Asp363-Leu589
Calculated MW	26.8 kDa
Observed MW	29 kDa
Accession	Q9HC62
Bio-activity	Not validated for activity
Properties	
Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at $< -20^{\circ}$ C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel
	packs. Upon receipt, store it immediately at $< -20^{\circ}$ C.
Formulation	Supplied as a 0.2 µm filtered solution of 50mM HEPES,5% Glycerol, pH 7.4.
Data	
kDa MK 120 90 60 40	R R

> 95 % as determined by reducing SDS-PAGE.

30

20

16 14

Background

SENP2 is an enzyme that belongs to the peptidase C48 family. SENP2 is a protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. SUMO1 is a small ubiquitin-like protein that can be covalently conjugated to other proteins. It has been implicated as a down-regulator of CTNNB1 levels and may therefore be a modulator of the Wnt pathway.