

## Recombinant Human SWSAP1 (N-6His)

Catalog No: CH22

<b>Description</b>	Recombinant Human SWS1-associated Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Pro229 is expressed with a 6His tag at the N-terminus.
<b>Source</b>	E. coli
<b>Alternative name</b>	ATPase SWSAP1; SWIM-type zinc finger 7-associated protein 1; SWS1-associated protein 1; ZSWIM7-associated protein 1; SWSAP1; C19orf39
<b>Accession No.</b>	Q6NVH7
<b>Predicted Molecular Weight</b>	25.7kDa
<b>AP Molecular Weight</b>	30kDa reducing conditions.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH 7.4.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Background</b>	SWSAP1 is a nucleus ATPase protein, interacts with ZSWIM7 and forms a functional complex. The complexes involved in homologous recombination repair and stabilizes each other. SWS1AP1 also interacts with RAD51, RAD51B, RAD51C, RAD51D and XRCC3. It involves in homologous recombination repair. ATPase is preferentially stimulated by single-stranded DNA and is involved in homologous recombination repair (HRR). SWSAP1 has a DNA-binding activity which is independent of its ATPase activity.

### SDS-Page

