

Product datasheet for **TP727129**

SWSAP1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ATPase SWSAP1/SWSAP1 (N-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Pro229
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	126074
UniProt ID:	Q6NVH7
Synonyms:	ATPase SWSAP1; SWIM-type zinc finger 7-associated protein 1; SWS1-associated protein 1; ZSWIM7-associated protein 1; SWSAP1; C19orf39
Summary:	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.



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