Product Name: Recombinant Human SWSAP1 (N-6His)
Catalog #: PEH1593

Summary

Name	SWSAP1/C19orf39
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q6NVH7
Host	E.coli
Species	Human
Predicted Molecular Mass	25.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, 1mM EDTA, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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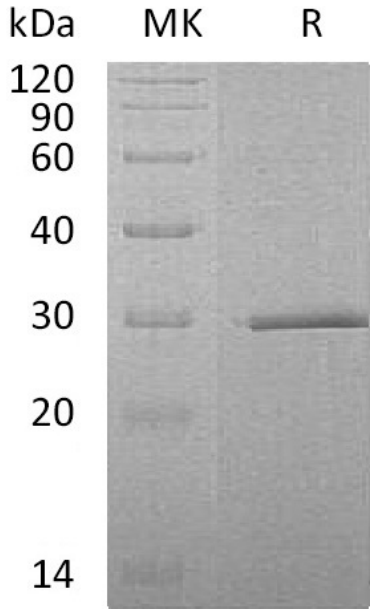

Alternative Names

ATPase SWSAP1; SWIM-type zinc finger 7-associated protein 1; SWS1-associated protein 1; ZSWIM7-associated protein 1; SWSAP1; C19orf39

Background

SWSAP1 is a nucleus ATPase protein, interacts with ZSWIM7 and forms a functional complex. The complexs 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.

Note

For Research Use Only , Not for Diagnostic Use.