# abcam

# Product datasheet

# D. melanogaster ISWI (acetyl K753) peptide ab16064

## 1 References 1 Image

**Description** 

Product name D. melanogaster ISWI (acetyl K753) peptide

Purity > 90 % HPLC.

Accession Q24368

Animal free No

**Nature** Synthetic

**Species** Drosophila melanogaster

**Description** D. melanogaster ISWI (acetyl K753) peptide

### **Specifications**

Our Abpromise guarantee covers the use of ab16064 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Blocking

Form Liquid

Additional notes - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

#### **Preparation and Storage**

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

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#### **General Info**

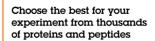
Relevance ISWI is a component of the nucleosome remodeling factor complex (NURF), a protein complex

that facilitates the perturbation of chromatin structure in vitro in an ATP-dependent manner. The hydrolysis of ATP during the remodeling of chromatin is likely to be mediated by ISWI, releasing inorganic phosphate. It is also a component of the ATP-utilizing chromatin assembly and remodeling factor (ACF) and of the chromatin accessibility complex (CHRAC). This subunit may

serve as the energy-transducing component of chromatin-remodeling machines.

Cellular localization Nuclear

#### **Images**





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D. melanogaster ISWI (acetyl K753) peptide (ab16064)

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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