

## Vertebrate ancient opsin Protein, Salmo salar (Cell-Free, His, SUMO)

Cat. No.:	HY-P702490
Synonyms:	Vertebrate ancient opsin
Species:	Others
Source:	E. coli Cell-free
Accession:	O13018 (M1-N75)
Gene ID:	100136521
Molecular Weight:	24.5 kDa

### PROPERTIES

AA Sequence	MDTLR IAVNG VSYNEASEIY KPHADPFTGP ITNLAPWNFA VLATLMFVIT SLSLFENFTV MLATYKFKQL RQPLN
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Vertebrate ancient opsin undergoes phosphorylation on specific serine and threonine residues within its C-terminal region.
------------	--

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA