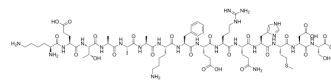


## S Tag Peptide

<b>Cat. No.:</b>	HY-P0326
<b>CAS No.:</b>	7429-70-1
<b>Molecular Formula:</b>	C <sub>73</sub> H <sub>117</sub> N <sub>23</sub> O <sub>25</sub> S
<b>Molecular Weight:</b>	1748.91
<b>Sequence:</b>	Lys-Glu-Thr-Ala-Ala-Ala-Lys-Phe-Glu-Arg-Gln-His-Met-Asp-Ser
<b>Sequence Shortening:</b>	KETAAAKFERQHMS
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (5.72 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.5718 mL	2.8589 mL	5.7178 mL
	5 mM	0.1144 mL	0.5718 mL	1.1436 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

S Tag Peptide is a 15 amino acid peptide derived from RNase A.

#### In Vitro

S Tag sequence is a novel fusion peptide tag for recombinant proteins that allows detection by a rapid, sensitive homogeneous assay or by colorimetric detection in Western blots. S Tag can be applied to purification of target proteins<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Mark McCormick, et al. S Tag: A Multipurpose Fusion Peptide for Recombinant Proteins.

---

**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](mailto:tech@MedChemExpress.com)

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