

3X FLAG peptide

Cat. No.:	HY-P0319	
CAS No.:	402750-12-3	
Molecular Formula:	C ₁₂₀ H ₁₆₉ N ₃₁ O ₄₉ S	
Molecular Weight:	2861.87	MDYKDHDGDYKDHDIDYKDDDDK
Sequence Shortening:	MDYKDHDGDYKDHDIDYKDDDDK	
Target:	Others	
Pathway:	Others	
Storage:	Sealed storage, away from moisture	
	Powder -80°C 2 years	
	-20°C 1 year	
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (34.94 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass		
1 mM		0.3494 mL	1.7471 mL	3.4942 mL
5 mM		0.0699 mL	0.3494 mL	0.6988 mL
10 mM		0.0349 mL	0.1747 mL	0.3494 mL

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

BIOLOGICAL ACTIVITY

Description

3X FLAG Peptide is a synthetic peptide with a 3-time repeated DYKXXD motif.

In Vitro

3X FLAG peptide can be used to label protein and other molecules.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Cell Discov. 2022 Jun 28;8(1):60.
- Nat Microbiol. 2021 May;6(5):658-671.
- Nature Cancer. 222-234 (2020).

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- J Integr Plant Biol. 2022 Jul 2.

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REFERENCES

[1]. Zilio N, et al. Improved Tandem Affinity Purification Tag and Methods for Isolation of Proteins and Protein Complexes from Schizosaccharomyces pombe. Cold Spring Harb Protoc. 2017 Mar 1;2017(3):pdb.prot091611.

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

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