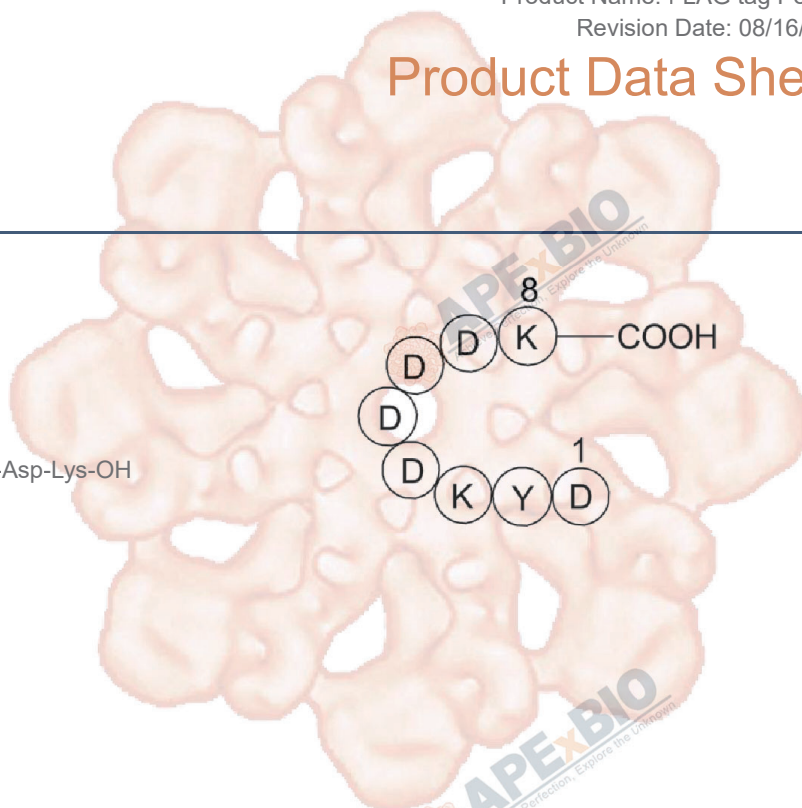


Product Data Sheet

FLAG tag Peptide

Cat. No.:	A6002
CAS No.:	98849-88-8
Formula:	C ₄₁ H ₆₀ N ₁₀ O ₂₀
M.Wt:	1012.97
Synonyms:	H-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys-OH
Target:	Tag Peptides
Pathway:	
Storage:	Desiccate at -20°C



Solvent & Solubility

≥50.6 mg/mL in DMSO, ≥210.6 mg/mL in H₂O, ≥34.03 mg/mL in EtOH

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		0.9872 mL	4.9360 mL	9.8720 mL
	5 mM		0.1974 mL	0.9872 mL	1.9744 mL
	10 mM		0.0987 mL	0.4936 mL	0.9872 mL

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

Biological Activity

Shortsummary	Versatile fusion tag	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Ter Beek J, Parkash V, et al. "Structural evidence for an essential Fe-S cluster in the catalytic core domain of DNA polymerase γ ." Nucleic Acids Res. 2019 Jun 20;47(11):5712-5722.PMID:30968138
2. Wang M, Hu J, et al. "High glucose-induced ubiquitination of G6PD leads to the injury of podocytes." FASEB J. 2019 Feb 20:fj201801921R.PMID:30785802
3. Zi-Wei Chen, John R Bracamontes, et al. "Multiple Functional Neurosteroid Binding Sites on GABAA Receptors." bioRxiv. 2018 June 29.
4. haoyun Zhang, Meng Wang, et al. "High glucose-induced ubiquitylation of G6PD leads to the injury of podocyte." bioRxiv. 2018 June 20.
5. Heredia JD, Park J, et al. "Mapping Interaction Sites on Human Chemokine Receptors by Deep Mutational Scanning." J Immunol. 2018 Apr 20. pii: j1800343.PMID:29678950

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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