

Recombinant Posi-Tag Epitope Tag Protein (Previously Covance catalog# PRO-133P)

Catalog# / Size	931301 / 50 µL
Regulatory Status	RUO
Other Names	Posi-Tag
Previously	Covance Catalog# PRO-133P
Description	Posi-Tag is a recombinant protein that contains 12 different tags. It has a predicted weight of 45 kDa and is intended for use as a positive control in western blot applications. The lysate contains the commonly used epitope tags HA, c-myc, Glu-Glu, GST, 6-His, HSV, T7, V5, VSV, E-tag, S-tag, and FLAG™ tag.

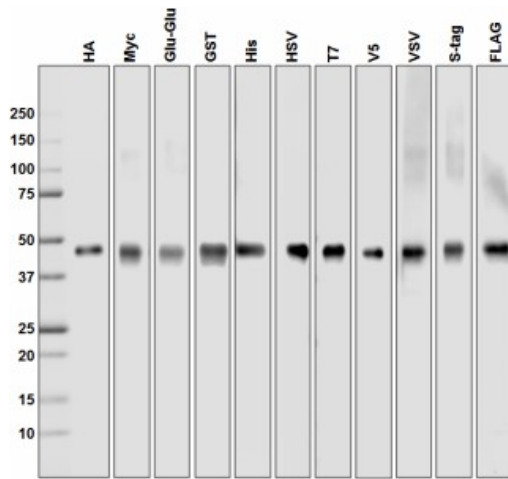
Product Details

Formulation	Bacterial lysate in loading buffer.
Preparation	Dilute Posi-Tag 1:20 in SDS-PAGE loading buffer containing 5% 2-Mercaptoethanol. Boil for 5 minutes at +95°C before loading.
Storage & Handling	Store at -20°C or below. Upon initial thawing, apportion into working aliquots and store at -20°C or below. Avoid repeated freeze-thaw cycles to prevent denaturing the protein. May be stored at 2-8°C for short periods.
Application	WB - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by Western blotting . For Western blotting, the suggested use of this reagent is 0.5 - 2.0 µL. It is recommended that the reagent be titrated for optimal performance for each application.
Application Notes	<p>This protein is effective as a positive control for epitope tag antibodies in immunoblotting.</p> <p>Our Posi-Tag protein lysate contains the commonly used epitope tags: HA, c-myc, Glu-Glu, GST, 6-His, HSV, T7, V5, VSV, E-tag, S-tag, FLAG (TM). These proteins were fused in the following order, GST, T7, HSV, c-myc, VSV, Glu-Glu, V5, E-tag, DYKDDDDK, S-tag, HA, and 6-His.</p> <p>*Predicted MW = ~45 kD FLAG is a trademark of Sigma-Aldrich Co.</p>
Product Citations	1. Smyth DJ, <i>et al.</i> 2021. J Biotechnol. 340:1. PubMed

Antigen Details

Biology Area	Cell Biology
Gene ID	NA

Product Data



Western blot analysis of 0.5 µl/lane of Posi-Tag using HA-HRP (Cat. No. 901519), Myc-HRP (Cat. No. 626803), Glu-Glu (Cat. No. 901801), GST (Cat. No. 640802), His (Cat. No. 913801), HSV (Cat. No. 913801), T7 (Cat. No. 903201), V5 (Cat. No. 903801), VSV (Cat. No. 903901), S-Tag (Cat. No. 688102) and FLAG-HRP (Cat. No. 637311) antibodies.

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