www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

TAMRA BIOTIN ALKYNE

SKU: CCT-1366



DESCRIPTION

Whilst biotin is a highly effective affinity label, fluorescent labels provide a more sensitive, quantitative, and convenient method for visualizing proteins. Trifunctional click chemistry probes that incorporate a ligation handle, a biotin and a fluorophore straightforwardly extended to combine the complementary benefits of both types of label. Dual-label TAMRA Biotin Azide probe can be readily incorporated into alkyne-tagged biomolecules through CuAAC ligation. For example, dual-labeled newly synthesized proteins, glycans, lipids, or DNA/RNA can be readily isolated by affinity purification and visualized by in-gel fluorescence.

Another very important advantage of dual label probes over regular biotin probes is built-in control. Each step of enrichment process can easily followed either by UV-Vis (550 nm) or by more sensitive fluorescence spectroscopy. After elution form streptavidin beads target proteins containing TAMRA label can be easily distinguished from non-specifically bound proteins and endogenously biotinlytated proteins.

This new dual label probe should be useful to expand the new applications of standard biotin–streptavidin technology.

SPECIFICATIONS

CAS Number	N/A

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Molecular Weight	1188.42
Appearance	Red solid
Chemical Formula	C60H83N8O15S
Unit Size	1 mg, 5 mg, 25 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



For research use only. Not intended for therapeutic or diagnostic use in animals or humans.