Human TAS1R3 full length protein-synthetic nanodisc

Cat. No. FLP100154

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag Tag
Target	TAS1R3
Synonyms	T1R3
Description	Human TAS1R3 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	Q7RTX0
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	Taste transduction
Molecular Weight	The human full length TAS1R3 protein has a MW of 93.4 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a G-protein coupled receptor involved in taste responses. The encoded protein can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response.
Usage	Research use only
Conjugate	Unconjugated

Figure1. Elisa plates were pre-coated with Flag Tag TAS1R3-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TAS1R3-Nanodisc is 4.332ng/ml. Figure2. Human TAS1R3-Nanodisc, Flag Tag on SDS-PAGE

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