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Product Information

NativeExtract™ Human TAS1R3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX353**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human TAS1R3 protein in native nanodisc form. The synthetic compound we developed can solubilize the TAS1R3 protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
TAS1R3

Protein Length
Full length

Molecular Weight
93.4 kDa

Sequence
Accession # Q7RTX0

Product Description

Activity
Yes

Application
ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems
HEK293 expression system

Tag
Flag tag at the C-terminus

Protein Format
Native Nanodisc

Form
Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target

Target Protein

TAS1R3

Full Name

Taste 1 receptor member 3

Introduction

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.

Alternative Names

T1R3; taste receptor type 1 member 3; sweet taste receptor T1R3; taste receptor, type 1, member 3; TAS1R3; Taste 1 receptor member 3

Gene ID

83756

UniProt ID

Q7RTX0

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