

Product Information

NativeExtract™ Human TAS2R4 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX35**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human TAS2R4 protein in native nanodisc form. The synthetic compound we developed can solubilize the TAS2R4 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

TAS2R4

Protein Length

Full length

Molecular Weight

33.8kDa

Sequence

Accession # [Q9NYW5](#)

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**

TAS2R4

Full Name

Taste 2 receptor member 4

Introduction

This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. These apparently intronless genes encode a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception.

Alternative Names

TAS2R4; T2R4; taste receptor type 2 member 4; candidate taste receptor T2R4; taste receptor, type 2, member 4; Taste 2 receptor member 4

Gene ID

[50832](#)

UniProt ID

[Q9NYW5](#)