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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TAS2R7 (Human) Recombinant Protein (P01)

Catalog Number: H00050837-P01

Regulation Status: For research use only (RUO)

Product Description: Human TAS2R7 full-length ORF (NP_076408.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MADKVQTTLLFLAVGEFSVIGLGNFIGLVN CMDWVKK  
RKIASIDLILTS LAISRICLLCVILLDCFILVLPD VYATGK  
EMRIIDFFWTLTNHLSIWFATCLSIYFFKIGNFFHPLFL  
WMKWRIDRVISWILLGCVVLSVFISLPATENLNADFRF  
CVKAKRKTNL TWSCRVNKTQHASTKFLNLATLLPFCV  
CLMSFFLLILSLRRHIRRMQLSATGCRDPSTEAHVRL  
KAVISFLLLFIAYYLSFLIATSSYFMPETELAVIFGESIALI  
YPSSHFILILGNNKLRHASLKVIVKVM SILKGRKFQQH  
KQI
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.9

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 50837

Gene Symbol: TAS2R7

Gene Alias: MGC142121, T2R7, TRB4

Gene Summary: This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq]