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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CASR (Human) Recombinant Protein (Q02)

Catalog Number: H00000846-Q02

Regulation Status: For research use only (RUO)

Product Description: Human CASR partial ORF (NP_000379.2, 21 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GPDQRAQKKGGDIILGGLFPIHFGVAAKDQDLKSRPESV
ECIRYNFRGFRWLQAMIFAIEEINSSPALLPNLTLGYRIF
DTCNTVSKALEATLSFVAQNKIDSLNLDFCN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.84

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: 846

Gene Symbol: CASR

Gene Alias: CAR, FHH, FIH, GPRC2A, HHC, HHC1, MGC138441, NSHPT, PCAR1

Gene Summary: The protein encoded by this gene is a G protein-coupled receptor that is expressed in the parathyroid hormone (PTH)-producing chief cells of the parathyroid gland, and the cells lining the kidney tubule.

It senses small changes in circulating calcium concentration and couples this information to intracellular signaling pathways that modify PTH secretion or renal cation handling, thus this protein plays an essential role in maintaining mineral ion homeostasis. Mutations in this gene cause familial hypocalciuric hypercalcemia, familial, isolated hypoparathyroidism, and neonatal severe primary hyperparathyroidism. [provided by RefSeq]