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Datasheet for ABIN7505157

**CASR Protein (AA 863-1078) (His tag)**

## Overview

Quantity:	100 µg
Target:	CASR
Protein Characteristics:	AA 863-1078
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASR protein is labelled with His tag.

## Product Details

Sequence:	Lys 863-Ser 1078
Characteristics:	A DNA sequence encoding the Human CaSR protein (P41180) (Lys 863-Ser 1078) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	CASR
Alternative Name:	CaSR ( <a href="#">CASR Products</a> )
Background:	<p>Background: CaSR, the extracellular Calcium-Sensing Receptor, is a widely expressed G-protein coupled receptor (GPCR) involved in calcium homeostasis. CaSR operates as a sensor in parathyroid and kidney, and alterations in its activity have been shown to cause thyroi</p> <p>Synonym: Ca sensing receptor,Ca2+ sensing receptor 1,CAR,EIG8,Extracellular calcium sensing</p>

### Target Details

	receptor,FHH,FIH,GPRC2A,HHC1,NSHPT,PCAR 1,PCaR1
Molecular Weight:	23.65 kDa
UniProt:	<a href="#">P41180</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months