

## Human Extracellular calcium-sensing receptor(CaSR) Recombinant Protein

PX-P3008-10

### OVERVIEW

<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Human
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	52.3 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### PRODUCT INFORMATION

<b>EXPRESSION SYSTEM</b>	Eukaryotic expression
<b>HOST</b>	mammalian
<b>PURITY</b>	30%
<b>PROTEIN ACCESSION</b>	
<b>FORM</b>	Frozen
<b>BUFFER</b>	Tris-HC 50mMl, NaCl 150mM, pH8.0 4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)
<b>STABILITY &amp; STORAGE</b>	

### PROTEIN SEQUENCE

MGSHHHHHHSGKPSRNTIEEVRSSAAHAFKVAARATLRRPNISRKRRSSSLGGSTGSIPSSSISSKSNSEDRFPQPERQKQQQPLSLTQQEQQQQPLTLHPQQQQQPQ  
QPRCKQKQVIFGSGTVTFSLSFDEPQKNAMHRNSMRQNSLEAQRSNDTLGRHQALLPLQCADADSEMTIQETGLQGPMVGDHQPMESSDEMSPALVMSTSRSF  
VISGGGSSVTENVLHSPVATMVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEDATYGKLTLLKFICTTGKLPVPWPPTLVTTFGYGLQCFARYPDHMKQHDF  
KSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDGLVNRIELKGDIFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIG  
DGPVLLPDNHYLSYQSALS KDPNEKRDHMLLEFVTAAGITLGMDELYK

### More info

#### SPECIFICATION

**GENE ID**

**SWISSPROTID**

**NCBI GENE ALIASES**

**UNIPROT ID**

P41180

**UNIPROT LINK**

<http://www.uniprot.org/uni/prot/P41180>

#### SYNONYMS

CAR; FHH; FIH;  
GPRC2A; HHC; HHC1;  
NSHPT; PCAR1;  
Parathyroid cell calcium-sensing receptor 1;  
Hypocalciuric  
Hypercalcemia 1; Severe  
Neonatal