

## Recombinant Human CALCR Protein, Fc-tagged

Cat. No. CALCR-742H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CALCR (NP_001158209.1) (Ala25-Val154) was expressed with the Fc region of human IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	25-154 a.a.
<b>Predicted N Terminal</b>	Glu
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant human CALCR consists 390 amino acids and predicts a molecular mass of 43.9 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	CALCR calcitonin receptor [ Homo sapiens ]
<b>Official Symbol</b>	CALCR
<b>Synonyms</b>	CALCR; calcitonin receptor; CTR; CRT; CT-R; CTR1;
<b>Gene ID</b>	799
<b>mRNA Refseq</b>	NM_001164737
<b>Protein Refseq</b>	NP_001158209
<b>MIM</b>	114131
<b>UniProt ID</b>	P30988
<b>Chromosome Location</b>	7q21.3

**Pathway** Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;

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