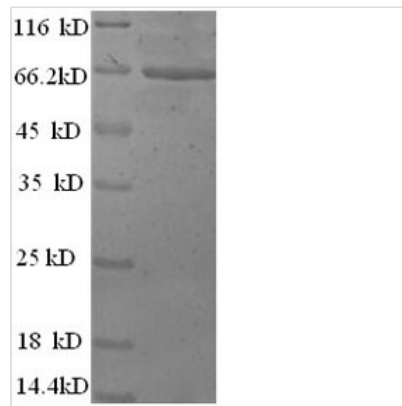




Recombinant Human Extracellular calcium-sensing receptor (CASR), partial

Product Code	CSB-YP004558HU
Relevance	Senses changes in the Extracellular domain concentration of calcium ions. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger syst.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P41180
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	YGPDQRAQKKGDIILGGLFPIHFGVAAKDQDLKSRPESVECIRYNFRGFRWLQ AMIFAIEEINSSPALLPNLTLGYRIFDTCNTVSKALEATLSFVAQNKIDSLNLDEF CNCSEHIPSTIAVVGATGSGVSTAVANLLGLFYIPQVSYASSSRLLSNKNQFKS FLRTIPNDEHQATAMADIIEYFRWNWVGTAADDDYGRPGIEKFREEAEERDICI DFSELISQYSDEEEIQHVVEVIQNSTAKVIVVFSSGPDLEPLIKEIVRRNITGKIWL ASEAWASSSLIAMPQYFHVVGGTIGFALKAGQIPGFREFLKKVHPRKSVHNGF AKEFWEETFNCHLQEGAKGPLPVDTFLRGHEESGDRFSNSSTAFRPLCTGDE NISSVETPYIDYTHLRISYNVYLAVYSIAHALQDIYTCLPGRGLFTNGSCADIKKV EAWQVLKHLRHLNFTNMGQVTFDECGDLVGNYSIINWHLSPEDGSIVFKEV GYYNVYAKKGERLFINEEKILWGSFVSREVPFSNCSRDCLAGTRKGIIEGEPTCC FECVECPDGEYSDETASACNKCPDDFWSNENHTSCIAKEIEFLSWTEPF
Research Area	Metabolism
Source	Yeast
Target Names	CASR
Protein Names	Recommended name: Extracellular calcium-sensing receptor Short name= CaSR Alternative name(s): Parathyroid cell calcium-sensing receptor Short name= PCaR1
Expression Region	20-612aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	68.6kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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