

Recombinant human Extracellular calcium-sensing receptor

Catalog No: #AP72473

Orders: order@signalwayantibody.com

Package Size: #AP72473-1 20ug #AP72473-2 100ug #AP72473-3 500ug

Support: tech@signalwayantibody.com

Description

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|-----------------------|---|
| Product Name | Recombinant human Extracellular calcium-sensing receptor |
| Brief Description | Recombinant Protein |
| Host Species | Yeast |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:20-612aaSequence Info:Extracellular Domain |
| Other Names | Parathyroid cell calcium-sensing receptor 1 ;PCaR1 |
| Accession No. | P41180 |
| Uniprot | P41180 |
| GeneID | 846; |
| Calculated MW | 68.6 kDa |
| Tag Info | N-terminal 6xHis-tagged |
| Target Sequence | YGPDQRAQKKGDIILGGLFPIHFGVAAKDQDLKSRPESVEICIRYNFRGFRWLQAMIFAIEEINSSPALLPNLTG YRIFDTCNTVSKALEATLSFVAQNKIDSLNLDEFNCSEHIPSTIAVVGATGSGVSTAVANLLGLFYIPQVSYASS SRLLSNKNQFKSFLRTIPNDEHQATAMADIIEYFRWNWVGTAADDDYGRPGIEKFREEAEERDIDFSELISQ YSDEEEIQHVVEIQNSTAKVIVVFSSGPDLEPLIKEIVRRNITGKIWLASEAWASSSLIAMPQYFHVVGTTIGFA LKAGQIPGFREFLKKVHPRKSVHNGFAKEFWEEFNCHLQEGAKGPLPVDTLRGLGHEESGDRFSNSSTAFRP LCTGDENISSVETPYIDYTHLRISYNYLAVYSIAHALQDIYTCLPGRGLFTNGSCADIKKVEAWQVLKHLRHLN FTNNMGEQVTFDECGDLVGNYSIINWHLSPEDGSIVFKEVGYYNVYAKKGERLFINEEKILWSGFSREVPFSN CSRDCLAGTRKGIIEGEPTCCFECVECPDGEYSDETDASACNKCPDDFWSNENHTSCIAKEIEFLSWTEPF |
| Formulation | Tris-based buffer50% glycerol |
| 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

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.

References

Calcium-sensing receptor ubiquitination and degradation mediated by the E3 ubiquitin ligase dorf. Huang Y., Niwa J., Sobue G., Breitwieser G.E.J. Biol. Chem. 281:11610-11617(2006)Research Topic:Metabolism

Note: This product is for in vitro research use only