

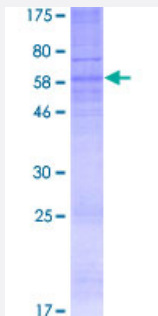
## Full-Length

# P2RY13 (Human) Recombinant Protein (P01)

Catalog # H00053829-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human P2RY13 full-length ORF ( AAH41116.2, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MNTTVMQGFNRSECRDTRVQLVFPALYTVVFLTGILLNTLALWVVFVHIPSSSTFIMLKNTLVADLI  
MTLMLPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGMLLGLIAFDRFLKIIRPLRNIFLKKPVFAK  
TVSIFWFFLFFISLPNMILSNKEATPSSVKKCASLKGPLGLKWHQMVNQCQIFWTVFILMLVFYV  
VIAKKVYDSYRKSKSKDRKNNKKLEGKVFVVAVFFVCFAPFHFAFVPYTHSQTNKNTDCRLQN  
QLFIAKETTLFLAATNICMDPLMYFLCKKFTEKLPCMQGRKTTASSQENHSSQTDNITLG

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

64.8

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — P2RY13

|                     |                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">53829</a>                                                                                                                                                                                                                                                                                     |
| GeneBank Accession# | <a href="#">BC041116.1</a>                                                                                                                                                                                                                                                                                |
| Protein Accession#  | <a href="#">AAH41116.2</a>                                                                                                                                                                                                                                                                                |
| Gene Name           | P2RY13                                                                                                                                                                                                                                                                                                    |
| Gene Alias          | FKSG77, GPCR1, GPR86, GPR94, P2Y13, SP174                                                                                                                                                                                                                                                                 |
| Gene Description    | purinergic receptor P2Y, G-protein coupled, 13                                                                                                                                                                                                                                                            |
| Omim ID             | <a href="#">606380</a>                                                                                                                                                                                                                                                                                    |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                 |
| Gene Summary        | The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is activated by ADP. [provided by RefSeq] |
| Other Designations  | G protein-coupled receptor 86 G-protein coupled receptor 94 P2Y purinoceptor 13                                                                                                                                                                                                                           |

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)