

# Recombinant human Substance-P receptor

Catalog No: #AP72082

Package Size: #AP72082-1 20ug #AP72082-2 100ug #AP72082-3 1mg

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant human Substance-P receptor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-29aaSequence Info:Extracellular Domain
Other Names	NK-1 receptor ;NK-1RTachykinin receptor 1
Accession No.	P25103
Uniprot	P25103
GeneID	6869;
Calculated MW	30.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MDNVLPVDSLSPNISTNTSEPNQFVQPA
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

## Background

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger syst. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

## References

Molecular cloning, structural characterization and functional expression of the human substance P receptor.Takeda Y., Chou K.B., Takeda J., Sachais B.S., Krause J.E.Biochem. Biophys. Res. Commun. 179:1232-1240(1991)Research Topic:Neuroscience

Note: This product is for in vitro research use only