

Recombinant Human SIGMAR1

Catalog No: #GP11140



Package Size: #GP11140-1 100ug

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Description

Product Name	Recombinant Human SIGMAR1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 102-223 amino acids of human sigma non-opioid intracellular receptor 1
Target Name	sigma non-opioid intracellular receptor 1
Other Names	SRBP; ALS16; OPRS1; SR-BP; SIG-1R; SR-BP1; sigma1R
Accession No.	Swissprot:Q99720Gene Accession:BC004899
Uniprot	Q99720
GenelD	10280;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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