

Recombinant Human GPATCH4, His-tagged

Cat. No. GPATCH4-13408H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPATCH4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-189a.a.
Description	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name GPATCH4 G patch domain containing 4 [Homo sapiens]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	GPATCH4
Synonyms	GPATCH4; G patch domain containing 4; GPATC4; G patch domain-containing protein 4; DKFZP434F1735; FLJ20249;
Gene ID	54865
mRNA Refseq	NM_015590
Protein Refseq	NP_056405
UniProt ID	Q5T3I0
Chromosome Location	1q22
Function	nucleic acid binding;

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