

Recombinant Human GPR125, His-tagged

Cat. No. GPR125-29094TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1040-1321 of Human GPCR GPR125 with an N terminal His tag. Predicted mwt: 32 kDa;
Species	Human
Source	E.coli
ProteinLength	1040-1321 a.a.
Description	GPR125 is an orphan receptor which has a leucine rich repeat (LRR), an immunoglobulin (Ig) domain, and a hormone-binding domain (HBD). The Ig domain shows similarities to motilin and titin, while the LRR domain shows similarities to LRIG1 and SLIT1-2. ESTs have been isolated primarily from amnion, connective tissue, ear, embryo, eye, ganglion, heart, lung, placenta, and skin libraries.
Conjugation	HIS
Form	Lyophilised: Reconstitute with 119 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Sequences of amino	AFFV VHHCVNREDVRLAWIMTCCPGRSSYSVQVNVQPPNS NGTNGEAPKCPNSS

 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

acids

AESSCTNKSASSFKNSSQGCKLTN LQAAAAQCHANSLPLNSTPQLDNSLTEHSMD
 NDIKMHVAPLEVQFRNTNVHSSRHHKNRSKGHRSRLTVLREYAYDVP TSVEGSVQ
 NGLPKSRLGNNEGHSRSTRAYLAYRERQYN PPQQDSSDACSTLPKSSRNFEKPVS
 TTSKKDALRKPAVE LENQQKSYGLNLAIQNGPIKSNGQEGPLLGTDTSTGNVR TGL
 WKHETTV

GENE INFORMATION

Gene Name	GPR125 G protein-coupled receptor 125 [Homo sapiens]
Official Symbol	GPR125
Synonyms	GPR125; G protein-coupled receptor 125; probable G-protein coupled receptor 125; FLJ38547; PGR21;
Gene ID	166647
mRNA Refseq	NM_145290
Protein Refseq	NP_660333
MIM	612303
Uniprot ID	Q8IWK6
Chromosome Location	4p15.31
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity;

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