

# Recombinant Human GNA12 cell lysate

**Cat. No.** GNA12-719HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                     |
| <b>Size</b>           | 100 ul                                                                                                    |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Applications</b>   | Western Blot;                                                                                             |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GNA12 guanine nucleotide binding protein (G protein) alpha 12 [ Homo sapiens ]                                                                                                                                        |
| <b>Official Symbol</b> | GNA12                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | GNA12; guanine nucleotide binding protein (G protein) alpha 12; guanine nucleotide-binding protein subunit alpha-12; gep; g alpha-12; WUGSC:H_GS165O14.2; G-protein subunit alpha-12; RMP; NNX3; MGC99644; MGC104623; |
| <b>Gene ID</b>         | 2768                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_007353                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_031379                                                                                                                                                                                                             |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MIM</b>                 | 604394                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q03113                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 7p22.3                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | Endothelins, organism-specific biosystem; G Protein Signaling Pathways, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Hemostasis, organism-specific biosystem; LPA receptor mediated events, organism-specific biosystem; Long-term depression, organism-specific biosystem; |
| <b>Function</b>            | D5 dopamine receptor binding; G-protein beta/gamma-subunit complex binding; GTP binding; GTPase activity; guanyl nucleotide binding; metal ion binding; nucleotide binding; protein binding; signal transducer activity;                                                                                                                                                            |

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