

## Recombinant Human IMPACT Protein, GST-tagged

**Cat. No.** IMPACT-5142H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human IMPACT full-length ORF ( AAH34016, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | IMPACT (Impact RWD Domain Protein) is a Protein Coding gene. Diseases associated with IMPACT include Spinocerebellar Ataxia 28 and Spastic Paraplegia 7, Autosomal Recessive.                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 60.83 kDa                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAEGDAGSDQRQNEEIEAMAAIYGEEWCVIDDCAKIFCIRISDDIDDPKWTLCLQVM<br>LPNEYPGTAPPIYQLNAPWLKGQERADLSNSLEEIYIQNIGESILYLWVEKIRDVLIQK<br>SQMTEPGPDVKKKTEEDVECEDDLILACQPESSVKALDFDISETRTEVEVEELPPID<br>HGIPITDRRSTFQAHLAPVVCVKQVMVLSKLYENKKIASATHNIYAYRIYCEDKQTFL<br>QDCEDDGETAAGGRLLHLMEILNVKNVMVVSRWYGGILLGPDRFKHINNCARNILV<br>EKNYTNSPEESSKALGKNKKVRKDKKRNEH |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                 |

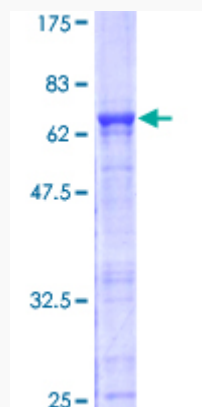
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 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                              |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                              |
| <b>GENE INFORMATION</b> |                                                                                                       |
| <b>Gene Name</b>        | IMPACT Impact homolog (mouse) [ Homo sapiens ]                                                        |
| <b>Official Symbol</b>  | IMPACT                                                                                                |
| <b>Synonyms</b>         | IMPACT; Impact homolog (mouse); protein IMPACT; imprinted and ancient gene protein homolog; MGC33718; |
| <b>Gene ID</b>          | 55364                                                                                                 |
| <b>mRNA Refseq</b>      | NM_018439                                                                                             |
| <b>Protein Refseq</b>   | NP_060909                                                                                             |
| <b>UniProt ID</b>       | Q9P2X3                                                                                                |

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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