

## Recombinant Human RACK1 Protein, GST-tagged

**Cat. No.** RACK1-5055H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GNB2L1 full-length ORF ( AAH14788.1, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | RACK1 (Receptor For Activated C Kinase 1) is a Protein Coding gene. Diseases associated with RACK1 include Hay-Wells Syndrome and Wells Syndrome. Among its related pathways are MAPK-Erk Pathway and TNF signaling (REACTOME). An important paralog of this gene is WDR31.                                                                        |
| <b>Molecular Mass</b>   | 60.72 kDa                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MTEQMTLRGTLKGHNGWVTQIATTPQFPDMILSASRDKTIIMWKLTRDETNYGIPQR<br>ALRGHSHFVSDVVISSDGQFALSGSWDGLRLWDLTTGTTTTRRFVGHTKDVLSVAF<br>SSDNRQIVSGSRDKTIKLWNTLGVCKYTVQDESHSEWVSCVRFSPNSSNPIIVSCG<br>WDKLVKVVWNLANCKLKTNHIGHTGYLNTVTVSPDGSLCASGGKDGQAMLWDLNEG<br>KHLTYLDGGDIINALCFSPNRYWLCAATGPSIKIWDLEGKIIVDELKQEVISTSSKAEP<br>PQCTSLAWSADGQTLFAGYTDNLVRVWQVTIGTR |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                  |

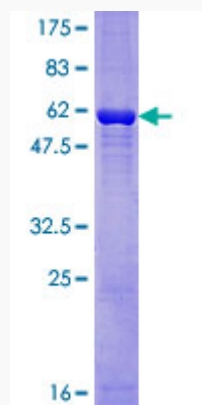
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| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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>        | RACK1 receptor for activated C kinase 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b>  | RACK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | GNB2L1; guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1; guanine nucleotide-binding protein subunit beta-2-like 1; Gnb2 rs1; H12.3; RACK1; Receptor for Activated C Kinase 1; lung cancer oncogene 7; proliferation-inducing gene 21; human lung cancer oncogene 7 protein; receptor of activated protein kinase C 1; cell proliferation-inducing gene 21 protein; guanine nucleotide-binding protein subunit beta-like protein 12.3; protein homologous to chicken B complex protein, guanine nucleotide binding; HLC-7; PIG21; Gnb2-rs1; |
| <b>Gene ID</b>          | 10399                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_006098                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_006089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 176981                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | P63244                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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