

DSCR5 (Human) Recombinant Protein (Q01)

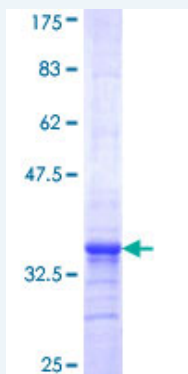
Catalog # : H00051227-Q01

規格 : [10 ug] [25 ug]

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Specification

| | |
|---------------------------------|--|
| Product Description: | Human DSCR5 partial ORF (NP_710149, 77 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence: | NMMSTSPLDSIHTITDNYAKNQKQKQYQEEAIPALRDISISEVNLQMFFLAA KELYTKN |
| Host: | Wheat Germ (in vitro) |
| Theoretical MW (kDa): | 32.12 |
| Preparation Method: | <i>in vitro</i> wheat germ expression system |
| Purification: | Glutathione Sepharose 4 Fast Flow |
| Quality Control Testing: | 12.5% SDS-PAGE Stained with Coomassie Blue. |



Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note: Best use within three months from the date of receipt of this protein.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Application Image

Enzyme-linked
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Gene Information

Entrez GeneID: [51227](#)

GeneBank Accession#: [NM_153682](#)

Protein Accession#: [NP_710149](#)

Gene Name: PIGP

Gene Alias: DCRC,DCRC-S,DSCR5,DSRC

Gene Description: phosphatidylinositol glycan anchor biosynthesis, class P

Omim ID: [605938](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. The encoded protein is a component of the GPI-N-acetylglucosaminyltransferase complex that catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). This gene is located in the Down Syndrome critical region on chromosome 21 and is a candidate for the pathogenesis of Down syndrome. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations: Down syndrome critical region gene 5,Down syndrome critical region protein 5,Down syndrome critical region protein C,OTTHUMP00000109076,OTTHUMP00000109079,phosphatidylinositol N-acetylglucosaminyltransferase subunit P,phosphatidylinositol glycan, class P,

Gene Pathway

[Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#) [Metabolic pathways](#)

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