

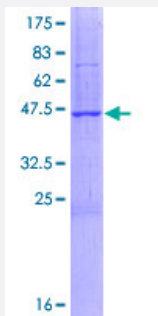
Full-Length

OPA3 (Human) Recombinant Protein (P01)

Catalog # H00080207-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human OPA3 full-length ORF (NP_079412.1, 1 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVVGAFPMALLYLGIQVSKPLANRIKEAARRSEFFKTYICLPPAQLYHVVEMRTKMRIMGFRGT VIKPLNEEAAAELGAELLGEATIFVGGGCLVLEYWRHQAQQRHKEEQRAAWNLRDEVGHLAL ALEALQAQVQAAPPQGALEELRTELQEVRAQLCNPGRSASHAVPASKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.4
Interspecies Antigen Sequence	Mouse (85)
Preparation Method	in vitro 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.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — OPA3

Entrez GeneID [80207](#)

GeneBank Accession# [NM_025136.1](#)

Protein Accession# [NP_079412.1](#)

Gene Name OPA3

Gene Alias FLJ22187, FLJ25932, MGA3, MGC75494

Gene Description optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)

Omim ID [165300](#) [258501](#) [606580](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations OPA3 protein|Optic atrophy 3 (Iraqi-Jewish 'optic atrophy plus')

Disease

- [Leber hereditary optic neuropathy](#)
- [Optic Atrophies](#)
- [Optic Atrophy](#)

- [Retinal Diseases](#)