

# Recombinant Full Length Human C12orf4 Protein, GST-tagged

Cat. No. C12orf4-2027HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human C12orf4 full-length ORF ( NP_065107.1, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	552 amino acids
<b>Description</b>	This gene is highly conserved from nematodes to humans. In rat, the orthologous gene encodes a cytoplasmic protein that is involved in mast cell degranulation. The human gene has been implicated in autosomal recessive intellectual disability.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	90.2 kDa
<b>AA Sequence</b>	<p>MKKNRERFCNREREFVYKFKVGSQCLELRVPLKFPVQENASHLHGRLMLLHSLPCF          IEKDLKEALTQFIEEESLSDYDRDAEASLAAVKSGEVDLHQLASTWAKAYAETTLHA          RPEEPSWDEDFADVYHDLIHSPASETLLNLEHNYFVSISELIGERDVELKCLRERQGI          EMEKVMQELGKSLTDQDVNSLAAQHFEQQDLENKWSNELKQSTAIQKQEYQEWV          IKLHQDLKNPNSSSLSEEIKVQPSQFRESVEAIGRIYEEQRKLEESFTIHLGAQLKTMH          NLRLLRADMLDFCKHKRNHRSGVKLHRLQTALSLYSTSLCGLVLLVDNRINSYSGIK          RDFATVCQECTDFHFPRIEEQLEVVQQVLYARTQRRSKLKESLDSGNQNGGND          KTKNAERNYLNVLPGFEFYITRHSNLSEIHVAFHLCVDDHVKSGNITARDPAIMGLRNIL</p>

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KVCCTHDITTISIPLLLVHDMSEEMTIPWCLRRAELVFKCVKGFMMEMASWDGGISR  
TVQFLVPQSISEEMFYQLSNMLPQIFRVSSTLTLTSKH

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

## GENE INFORMATION

**Gene Name** C12orf4 chromosome 12 open reading frame 4 [ Homo sapiens ]

**Official Symbol** C12orf4

**Synonyms** C12ORF4; chromosome 12 open reading frame 4; uncharacterized protein C12orf4; FLJ21158; FLJ23899

**Gene ID** 57102

**mRNA Refseq** NM\_020374

**Protein Refseq** NP\_065107

**MIM** 616082

**UniProt ID** Q9NQ89

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