Recombinant Human NIT2 Protein, GST-tagged

Cat. No. NIT2-5881H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NIT2 full-length ORF (AAH20620.1, 1 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	NIT2 (Nitrilase Family Member 2) is a Protein Coding gene. Among its related pathways are Alanine, aspartate and glutamate metabolism and Innate Immune System. GO annotations related to this gene include hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds and omega-amidase activity.
Molecular Mass	57 kDa
AA Sequence	MTSFRLALIQLQISSIKSDNVTRACSFIREAATQGAKIVSLPECFNSPYGAKYFPEYAE KIPGESTQKLSEVAKECSIYLIGGSIPEEDAGKLYNTCAVFGPDGTLLAKYRKIHLFDID VPGKITFQESKTLSPGDSFSTFDTPYCRVGLGICYDMRFAELAQIYAQRGCQLLVYP GAFNLTTGPAHWELLQRSRAVDNQVYVATASPARDDKASYVAWGHSTVVNPWGE ALAKAGTEEAIVYSDIDLKKLAEIRQQIPVFRQKRSDLYAVEMKKP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

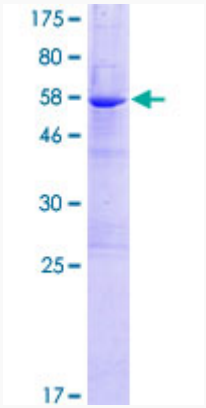
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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	NIT2 nitrilase family, member 2 [Homo sapiens]
Official Symbol	NIT2
Synonyms	NIT2; nitrilase family, member 2; omega-amidase NIT2; Nit protein 2; nitrilase homolog 2; MGC111199;
Gene ID	56954
mRNA Refseq	NM_020202
Protein Refseq	NP_064587
UniProt ID	Q9NQR4

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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