

PRODUCT INFORMATION

Target	NIT2
Synonyms	HEL-S-8a
Description	Recombinant protein of human nitrilase family, member 2 (NIT2)
Delivery	2-3 weeks
Uniprot ID	Q9NQR4
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	30.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Overexpression decreases the colony-forming capacity of cultured cells by arresting cells in the G2 phase of the cell cycle.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

