

Recombinant Mouse Tdo2 protein, His-tagged

Cat. No. Tdo2-3559M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tdo2 protein(P48776)(1-406aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-406aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	53.3 kDa
AA Sequence	MSGCPFAGNSVGYT LKNVSMEDNEEDRAQTGVNRASKGGLIYGNYLQLEKILNAQE LQSEVKGNKIHDEHLFIITHQAYELWFKQILWELDSVREIFQNGHVRDERNMLKVIAR MHRVVVIFKLLVQQFSVLETMTALDFNDFREYLSPASGFQSLQFRLLLENKIGVLQSLR VPYNRKHYRDNFGGDYNELLLKSEQEQTLLQLVEAWLERTPGLEPNGFNFWGKFE KNILKGLEEEFLRIQAKTDSEEKEEQMAEFRKQKEVLLCLFDEKRHDYLLSKGERRLS YRALQGALMIYFYREEPRFQVPFQLLTSLMDIDTLMTKWRYNHVCMVHRMLGTKAG TGGSSGYHYLRSTVSDRYKVFVDLFLNLSTYLVPRHWVPKMNP IIHKFLYTAEYSDSS YFSSDESD

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Tdo2 tryptophan 2,3-dioxygenase [<i>Mus musculus</i>]
Official Symbol	Tdo2
Synonyms	TDO2; tryptophan 2,3-dioxygenase; TRPO; tdo variant1; tdo variant2; tryptophanase; tryptophan oxygenase; tryptophan pyrrolase; tryptamin 2,3-dioxygenase; tryptophan-2,3-dioxygenase; TO; TDO; chky; AA407491;
Gene ID	56720
mRNA Refseq	NM_019911
Protein Refseq	NP_064295

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