

Recombinant Human TOR2A Protein, His tagged

Cat. No. TOR2A-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOR2A Protein (27-321 aa) with His tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	27-321 aa
Description	This gene encodes a member of the AAA family of adenosine triphosphatases with similarity to Clp proteases and heat shock proteins. Alternative splicing at this locus results in the translation of multiple isoforms of the encoded protein, some of which contain salusin peptides in the C-terminal region. These peptides may play roles in hypotension, myocardial growth and the induction of mitogenesis, and may also be involved in the pathogenesis of atherosclerosis. The antimicrobial peptide salusin-beta has antibacterial activity.
Form	Sterile PBS, pH7.4, 0.1% SKL
Molecular Mass	34 kDa
AASequence	MHHHHHHHHHHAWDLASLRCTLGAFCECDFRPDLPGLECDLAQHLAQHLAKALV VKALKAFVRDPAPTKPLVLSLHGWTGTGKSYVSSLLAHYLFQGGLRSPRVHHFSPV LHFPHPSHIERYKKDLKSWVQGNTACGRSLFLFDEMDKMPPGLMEVLRPFLGSSW VVGTYNRKAIFIFISNTGGKQINQVALEAWRSRRDREEILLQELEPVISRAVLNPHH

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GFSNSGIMEERLLDAVVPFLPLQRHHVRHCVLNELAQLGLEPRDEVVQAVLDSTTFF
PEDEQLFSSNGCKTVASRIAFFL

Endotoxin < 1.0 EU/μg of the protein by the LAL method.

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1 mg/mL by BCA

GENE INFORMATION

Gene Name TOR2A torsin family 2, member A [Homo sapiens (human)]

Official Symbol TOR2A

Synonyms TOR2A; torsin family 2, member A; prosalusin; FLJ14771; TORP1; torsin-2A; torsin-related protein 1; MGC99558;

Gene ID 27433

mRNA Refseq NM_001085347

Protein Refseq NP_001078816

MIM 608052

UniProt ID Q5JU69

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