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Product datasheet for TP319554L

SCARA5 (NM_173833) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human scavenger receptor class A, member 5 (putative) (SCARA5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219554 representing NM_173833 Red=Cloning site Green=Tags(s) MENKAMYLHTVSDCDTSSICEDSFDGRSLSKLNLCEDGPCHKRRASICCTQLGSLSALKHAVLGLYLLVF LILVGIFILAVSRPRSSPDDLKALTRNVNRLNESFRDLQLRLLQAPLQADLTEQVWKVQDALQNQSDSLL ALAGAVQRLEGALWGLQAQAVQTEQAVALLRDRTGQQSDTAQLELYQLQVESNSSQLLLRRHAGLLDGL A RRVGILGEELADVGGVLRGLNHSLSYDVALHRTRLQDLRVLVSNASEDTRRLRLAHVGMELQLKQELAML NAVTEDLRLKDWEHSIALRNISLAKGPPGPKGDQGDEGKEGRPGIPGLPGLRGLPGERGTPGLPGPKGDD GKLGATGPMGMRGFKGDRGPKGEKGEKGDRAGDASGVEAPMMIRLVNGSGPHEGRVEVYHDRRWGTV CDD GWDKKDGDVVCRMLGFRGVEEVYRTARFGQGTGRIWMDDVACKGTEETIFRCSFSKWGVTNCGHAEDA SV TCNRH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	53.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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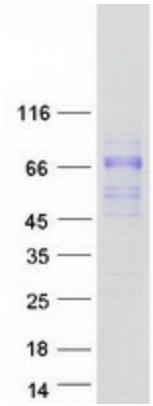
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_776194
Locus ID:	286133
UniProt ID:	Q6ZMJ2
RefSeq Size:	3644
Cytogenetics:	8p21.1
RefSeq ORF:	1485
Synonyms:	NET33; Tesr
Summary:	Ferritin receptor that mediates non-transferrin-dependent delivery of iron. Mediates cellular uptake of ferritin-bound iron by stimulating ferritin endocytosis from the cell surface with consequent iron delivery within the cell. Delivery of iron to cells by ferritin is required for the development of specific cell types, suggesting the existence of cell type-specific mechanisms of iron traffic in organogenesis, which alternatively utilize transferrin or non-transferrin iron delivery pathways. Ferritin mediates iron uptake in capsule cells of the developing kidney. Binds preferentially ferritin light chain (FTL) compared to heavy chain (FTH1). [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified SCARA5 protein (Cat# [TP319554]). The protein was produced from HEK293T cells transfected with SCARA5 cDNA clone (Cat# [RC219554]) using MegaTran 2.0 (Cat# [TT210002]).