Recombinant Human ODF3, His-tagged

Cat. No. ODF3-7712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Poliovirus Receptor/PVR is produced with our mammalian cells expression system in HEK293. The target protein is expressed with sequence (Trp21Asn343) of Human PVR fused with a polyhistidine tag at the Cterminus.
Species	Human
Source	HEK293
Description	Poliovirus Receptor (PVR) is a 70 kDa type I transmembrane singlespan glycoprotein that belongs to the nectinlike (Necl) family and was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. PVR contains three Iglike extracellular domains, a transmembrane segment, and a cytoplasmic tail. The normal cellular function of PVR maybe the involvement of intercellular adhension between epithelial cells. Alternate splicing of the PVR mRNA yields four different isoforms (alpha, beta, gamma, and ??) with identical extracellular domains.
Form	Supplied as a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
AA Sequence	WPPPGTGDVV VQAPTQVPGF LGDSVTLPCY LQVPNMEVTH VSQLTWARHG ESGSMAVFHQ TQGPSYSES KRLEFVAARL GAELRNASLR MFGLRVEDEG NYTCLFVTFP QGSRSVDIWL R VLAKPQNT AEVQKVQLTG EPVPMARCVS TGGRPPAQIT WHSDLGGMPN TSQVPGFLSG TV TVTSLWI LVPSSQVDGK NVTCKVEHES FEKPQLLTVN LTVYYPPEVS ISGYDNNWYL GQN EATLTC

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	DARSNPEPTG
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Store at less than 20°C. stable for 6 months after receipt.Please minimize freezethaw cycles.

GENE INFORMATION

Gene Name	ODF3 outer dense fiber of sperm tails 3 [Homo sapiens]
Official Symbol	ODF3
Synonyms	ODF3; outer dense fiber of sperm tails 3; outer dense fiber protein 3; cancer/testis antigen 135; CT135; hSHIPPO; SHIPPO1; sperm tail protein SHIPPO1; sperm tail protein SHIPPO 1; outer dense fiber of sperm tails protein 3; transcript induced in spermiogenesis protein 50; TISP50;
Gene ID	113746
mRNA Refseq	NM_053280
Protein Refseq	NP_444510
MIM	608356
UniProt ID	Q96PU9
Chromosome Location	11p15.5

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